



SECURITY
CATALOGUE
2024

INTRUSION ALARMS
VIDEO SURVEILLANCE

IF YOU LOVE YOUR BUILDING

urmet

URMET Quality communication and security

Urmet S.p.A. designs, develops and manufactures its products in compliance with **UNI EN ISO 9001** standards. This internationally acknowledged certification

attests to Urmet's status as a **brand leader in the Communication and Security industry** and to the all-round quality of its procedures, products and services.



All Urmet products bear the **CE** mark

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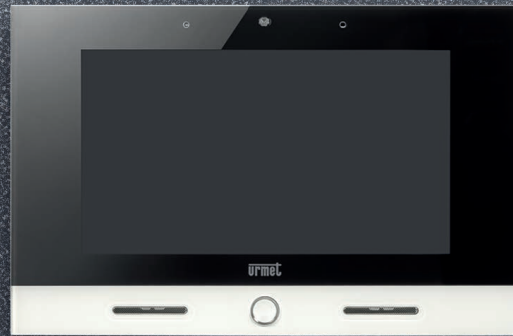
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COMMUNICATION CATALOGUE

For video door phone, smart home, access control and telephony systems, see Urmet's Communication catalogue. Find out the variety of our solutions also at www.urmet.com.

A leader at your side



URMET: A BRAND YOU CAN TRUST.

Urmet has been the Italian leading company in its industry since 1937, and today it is at the head of a multinational group of 60 companies, present in 100 countries worldwide.

Having Urmet as a partner means choosing a company whose **capital has been 100% Italian for more than 80 years**. It means making a choice of reliability, values and long experience in the development of building technologies. And have a comprehensive offer of **integrated home automation solutions, video door phone systems, security and access control systems, telephony and wiring systems**.

Choosing Urmet means having products that have undergone continuous tests and engineering to make **installation and configuration easier, faster, and always assisted**.

Only a leader can give you everything. Even what others do not have.

Cutting-edge technology, quality, know-how, continuous support, widespread presence throughout the territory: everything that only a leading specialist can offer you.

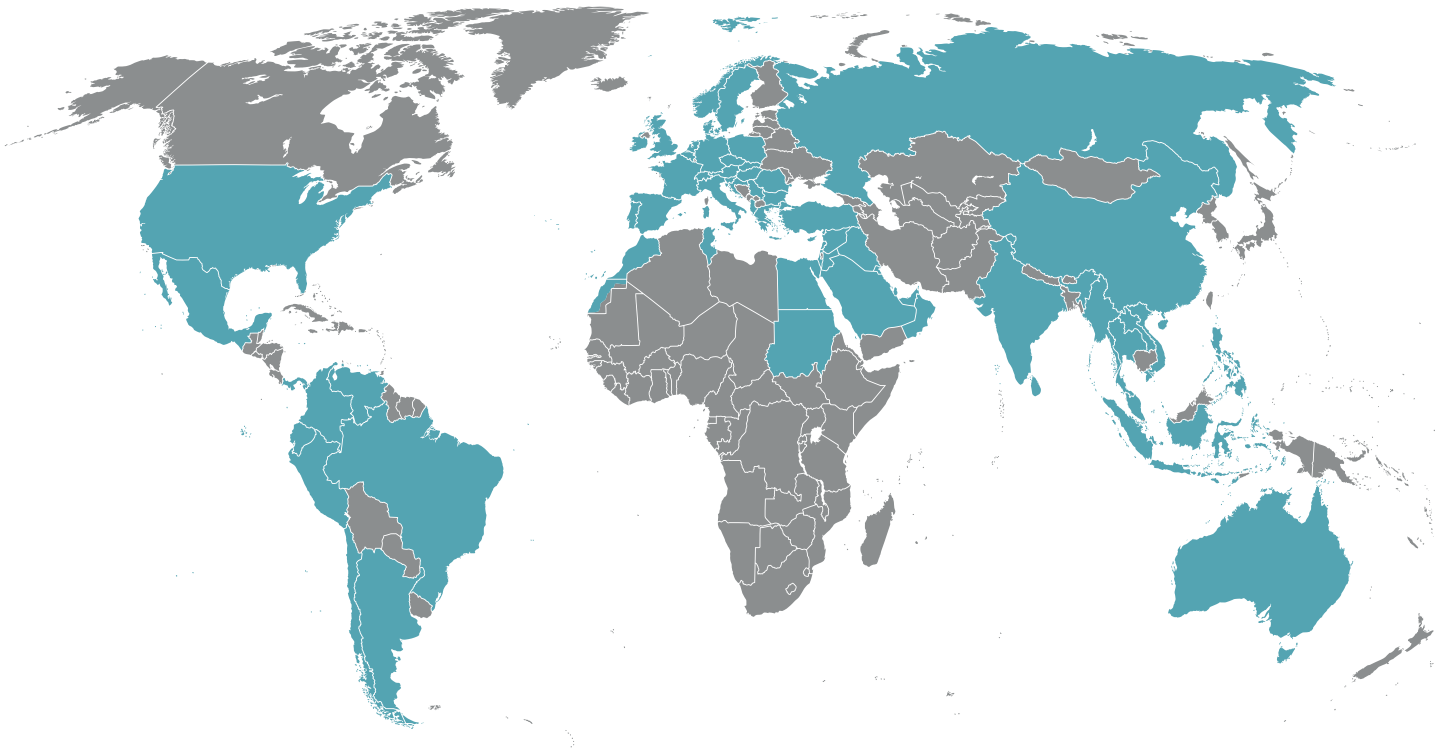
Urmet in the world

Today, Urmet is an **Italian company** at the head of a **multinational group of 60** companies located all over the world.

With a comprehensive catalogue of integrated home automation solutions, video intercom, professional security and access control systems.

For each sector, solutions that meet the needs of the target market, for applications in the **residential** and **vertical** sectors.

The Group is actively present in **100 countries worldwide** either directly with its own subsidiaries or through distributors and partnerships.



Target markets

Urmet has a complete range of **integrated** automation, video door phone and telephone **solutions**, security systems and access control, aimed at the **residential sector** (single-family and two-family homes, apartment blocks and residential complexes)

and various **vertical sector** (banks, schools, public administration, hospitals, hotels, shopping centres and car parks). A choice of **reliability**, values and long **experience** in the development of **building technologies**.

RESIDENTIAL

- > SINGLE AND TWO-FAMILY RESIDENTIAL BUILDINGS
- > RESIDENTIAL COMPLEXES
- > APARTMENT BUILDINGS

VERTICAL

(solutions for specific applications)

- > HOTELS
- > HOSPITALS
- > SHOPPING CENTRES
- > GOVERNMENT OFFICES
- > BANKS
- > CAR PARKS
- > PRISONS
- > EDUCATIONAL BUILDINGS



Video door phone systems



Smart Home



Wiring program



Hotel management



Access control



Intrusion systems



Doors and gates automation



Fire alarm systems



Video surveillance



Wired intrusion alarms

Systems and components for enhanced security

Solutions for all environments; residential, small businesses, medium enterprises and services

Urmet's **intrusion detection systems** are professional, they guarantee high safety performance and are suitable for different protection needs in a residential, tertiary or industrial environment. Wired range includes control units,

accessories and peripherals to make installations **safe and complete**. Urmet has also developed some **Apps** the alert system management simple and user friendly.



1068 system



1061 system



Indoor volumetric detectors



Outdoor volumetric detectors



Outdoor barriers



Indoor perimeter detectors



Sounders



Actuators

WIRED INTRUSION ALARMS

WIRELESS INTRUSION ALARMS

VIDEO SURVEILLANCE

SECURITY KITS

SALES NETWORK

1068 intrusion alarm system

The new intrusion alarm system 1068 is the best solution to create small, medium and large size systems. It is easily scalable and meets all market needs. It consists of **three control unit models** that allow installations in small, medium and large sites, ranging from residential to office building applications. The 1068/005A control unit has **5 inputs expandable up to 21, with 4 partialisation zones**; the 1068/010A control unit allows the management of **10 inputs expandable up to 66, distributable over 8 partialisation zones**; the 1068/015 control unit allows the management of **10 inputs expandable up to 122, distributable over 8 partialisation zones**. The system can manage both wired and wireless devices and integrate video surveillance products that can be controlled

locally and remotely via smartphones and tablets. This is a **multilingual, EN50131**-certified system that is able to handle **emergency calls** and transmit numeric protocols to security service providers. The communication media used are several: in fact, the 1068 System can communicate via IP protocol (Wi-Fi and Ethernet) or use the GSM network. The system is programmed and configured either via the keypad or via the **1068SET** application, a simple and intuitive Android Tablet App for installers. The control devices for the user are: the keypad, proximity key readers, electronic key readers, the time scheduler and the **Urmet Secure** application.



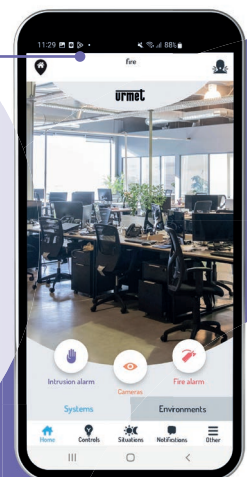
THE APPLICATION ALLOWS YOU TO

- > Acquire the control unit automatically or via QR code
- > Associate CCTV devices with alarm system zones
- > Activate, deactivate and split the system
- > Display images after an alarm event has taken place
- > Display information on the status of: alarms, zones (open/closed/excluded), tampering, fault, malfunction, activation/deactivation.
- > Manage event push notifications
- > Geolocation



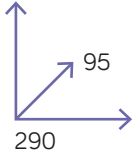
URMET SECURE

The new free App allows controlling your alarm system in a simple and user-friendly way via **smartphone or tablet**. It is possible to display the status of the system and activate or deactivate it totally or partially. **Not only intrusion alarm, but also video surveillance.**

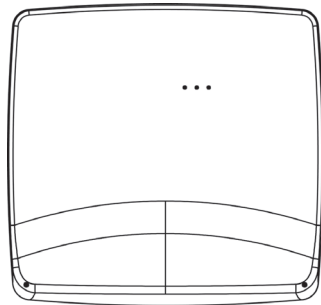


FEATURES

1068/005A



275
95
290
(L x H x P) mm



- > Flexible and scalable
- > Multilingual: Italian, English, French and German
- > Multiple communication media: IP (Wi-Fi and Ethernet) and GSM
- > SIM credit expiration warning
- > Time scheduler
- > Integrated voice synthesis module
- > Text To Speech
- > Push notifications, voice messages, emails and SMS
- > Digital transmission of numeric protocols to security service providers
- > Emergency calls management
- > EN50131 grade 1 (code 1068/005A), grade 2 (code 1068/010A) and grade 3 (code 11068/015) certification

SYSTEM BENEFITS

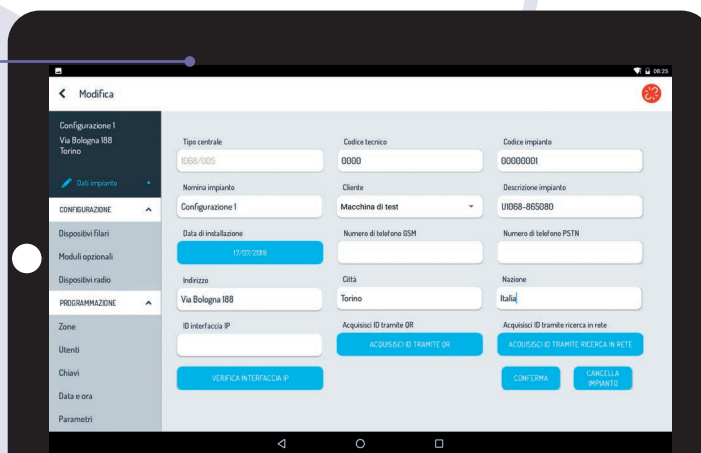
- > Full programming via 1068SET installer App
- > User management via Urmet Secure App
- > Integration of wireless devices
- > Technological alarms and specialisation of inputs and outputs
- > Integration of video surveillance devices

THE APPLICATION ALLOWS YOU TO

- > Language selection
- > Full system programming
- > Management of Customers' information and systems
- > Backup/Restore of control unit configuration with configurations saved on the Clouds or SD Card
- > Control unit log reading
- > System Activation/Deactivation
- > Users and Keys Activation/Deactivation
- > System monitoring: verification of the overall status of the system, its devices and peripherals
- > Notification in case of absence of keep alive by the Cloud
- > Push notifications
- > Possibility for the installer to start a system diagnosis to check system statuses and faults

1068
SET

1068SET
Is the application that allows installers to **easily and quickly programme and configure intrusion alarm systems** built with 1068 control units.



1068 intrusion alarm system

CONTROL UNITS

1068/005A

MULTIFUNCTION ANTI-INTRUSION CONTROL UNIT WITH 5 INPUTS EXPANDABLE UP TO 21

The 1068/005A control unit is ideal to create big and small size systems.

It meets all the needs of the residential market.

EN50131 class 1 certification.



1068/010A

MULTIFUNCTION ANTI-INTRUSION CONTROL UNIT WITH 10 INPUTS EXPANDABLE UP TO 66

The 1068/010A control unit is ideal to create medium size systems.

It meets all the needs of the residential and office building market.

EN50131 class 2 certification.



1068/010R

MULTIFUNCTIONAL WIRELESS ANTI-INTRUSION CONTROL UNIT WITH BUILT-IN GSM/IP COMMUNICATOR

The 1068/010R control unit guarantees 24-hour backup in case of a power failure and full efficiency of all main management functions. Basically, it can manage 28 wireless sensors and 10 wired inputs. It is equipped with a GSM communicator with integrated speech synthesis and an IP interface (Ethernet and Wi-Fi).

It features an App for the user (URMET SECURE APP) and an App for the installer (1068set App), with which the system can be configured and managed. Video integration with Urmec Wi-Fi cameras of the Building Retail series. The control unit is the ideal solution for all those systems where quick installation without masonry preparations is required and where high security performance is required.



MAIN FEATURES

	1068/005A	1068/010A
> Supply voltage	230Vca	
> Max. current deliverable by the power supply unit	1,5A	
> Max. current deliverable to the field	900 mA	
> Battery	1 pz da 12v@7A	
> Basic input number	5	10
> Max. input number	21	66
> Basic output number	4	7
> Max. output number	10	28
> Max. number of sectors	4	8
> Free association of inputs with zones	YES	
> Multilingual menu	YES	
> Installer App (programming and configuration)	1068SET	
> User App (Management)	URMET SECURE	

REFERENCES

	1068/005A	1068/010A
> Programming saved on micro SD Card, to transfer the programming between tablet and control unit or save a back-up copy		YES
> Firmware upgrade on devices through micro SD Card or IP interface code 1068/013		YES
> Integrated speech synthesis, in GSM Communicators		YES
> Self-learning function of devices on the Bus		YES
> Time Scheduler		YES
> Input specialisations	Immediate, Delayed, Path, Key, Tamper, Sensor Failure, Siren Failure, Technological, Pre-alarm. Hold-up, Emergency	Immediate, Delayed, Path, Key, Tamper, Sensor Failure, Siren Failure, Technological, Pre-alarm. Hold-up, Emergency, Fire, Fire Reset, Communicator Failure
> Auxiliary input functions	Gong, Courtesy Light, Door Opener	
> Output specialisations	Intrusion, Pre-alarm, Tamper, Technological, Emergency, Controllable, System Failure, Sensor Failure, Siren Failure, Low Battery, Loss of mains, Gong, Courtesy Light, Door Opener, Zone Status	Intrusion, Pre-alarm, Tamper, Technological, Emergency, Controllable, System Failure, Sensor Failure, Siren Failure, Low Battery, Loss of mains, Gong, Courtesy Light, Door Opener, Zone Status, Fire, Fire Reset, Communicator Failure, Exit Time, Entry Time
> Alarm count for input	YES	
> Programming codes	Master, Installer, Technical Manager, User	
> Max. number of activation codes	16	32
> Max. number of keys	16	32
> Max. management of devices on bus	19	25
> Event log	500	1000
> Two-way 868 MHz radio interface	Optional	
> IP Communicator	Optional	
> GSM/GPRS communicator	Optional	
> Remote monitoring	Sending of alarm signals through numerical protocols DC05 and DC09	
> Max. length of bus line	400 m	3200 m
> Protection class	IP40	IP40
> Weight	1.3 Kg	
> Dimensions (W x H x D)	290 x 275 x 95 mm	

SPARE POWER UNIT

1061/515

SPARE POWER SUPPLY FOR CONTROL UNITS 1061, 1067 AND 1068

Spare power supply for control units 1061, 1067/024 and 1067/032A, 1068/005A and 1068/010A.



1068/034

SPARE POWER UNIT FOR 1068/015 CONTROL UNITS

1068 intrusion alarm system

CONTROL UNIT

1068/015

MULTIFUNCTION ANTI-INTRUSION CONTROL UNIT WITH 10 INPUTS EXPANDABLE UP TO 122

The 1068/015 control unit is ideal to create medium and large size systems.

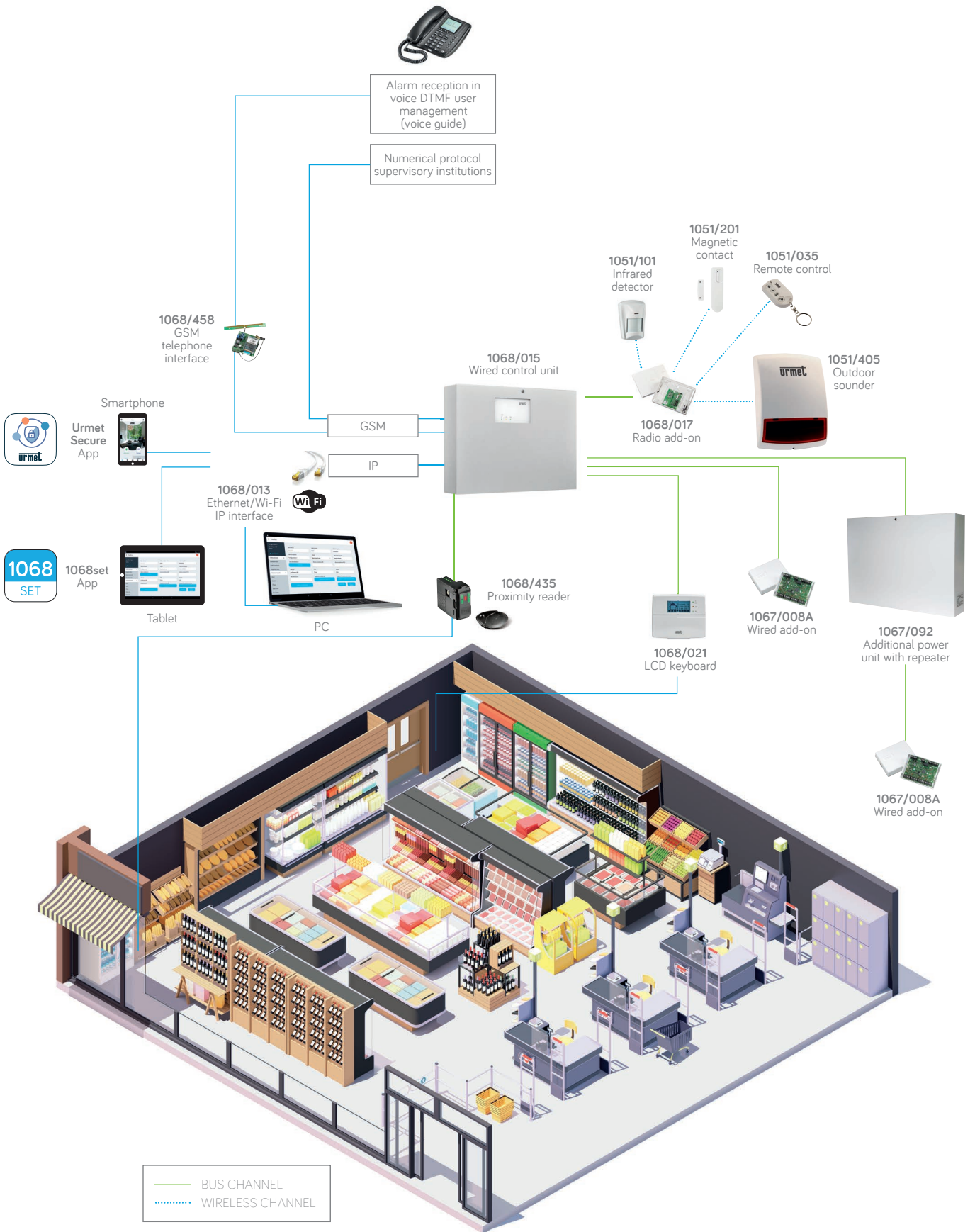
It meets all the needs of the office building market.

EN50131 class 3 certification.

- > Supply voltage: 230Vac
- > Max. current deliverable by the power supply unit: 3.4A
- > Max. current deliverable to the field: 2.2A
- > Battery: 1 pc. 12v@18A
- > Basic input number: 10 (these inputs are "splittable" with the possibility of detecting cut, short-circuit and distinguish each of the 2 inputs)
- > Max. input number: 122
- > Basic output number: 7
- > Max. output number: 49
- > Max. number of sectors: 8
- > Free association of inputs with zones
- > Multilingual menu
- > Installer App (programming and configuration) 1068SET
- > User App (Management) URMET SECURE
- > SW 1068SET application on PC (window 11)
- > Programming saved on micro SD Card, to transfer the programming between tablet and control unit or save a back-up copy
- > Firmware upgrade on devices through micro SD Card or IP interface code 1068/013
- > Integrated speech synthesis, in GSM Communicators
- > Self-learning function of devices on the Bus
- > Time Scheduler
- > Input specialisations: Immediate, Delayed, Path, Key, Tamper, Sensor Failure, Siren Failure, Technological, Pre-alarm. Hold-up, Emergency, Immediate, Delayed, Path, Key, Tamper, Sensor Failure, Siren Failure, Technological, Pre-alarm. Hold-up, Emergency, Fire, Fire Reset, Communicator Failure
- > Auxiliary input function, Gong, Courtesy Light, Door Opener inputs
- > Output specialisations: Intrusion, Pre-Alarm, Tamper, Technological, Emergency, Controllable, System Failure, Sensor Failure, Siren Failure, Low Battery, Loss of mains, Gong, Courtesy Light, Door Opener, Zone Status, Intrusion, Pre-Alarm, Tamper, Technological, Emergency, Controllable, System Failure, Sensor Failure, Siren Failure, Low Battery, Loss of mains, Gong, Courtesy Light, Door Opener, Zone Status, Fire, Fire Reset, Communicator Failure, Exit Time, Entry Time
- > Alarm count for input
- > Programming codes Master, Installer, Technical Manager, User
- > Max. number of activation codes 64
- > Max. number of keys: 64
- > Event log: 1000
- > Two-way 868 MHz radio interface: Optional
- > IP Communicator: optional
- > GSM/GPRS communicator: optional
- > Remote monitoring Sending of alarm signals through numerical protocols DC05 and DC09
- > Maximum length of all bus ranges: 3,200 m
- > Protection class: IP40
- > Weight: 5.6 Kg
- > Dimensions (W x H x D): 435 x 320 x 93 mm



1068 application diagram



WIRED INTRUSION ALARMS
 WIRELESS INTRUSION ALARMS
 VIDEO SURVEILLANCE
 SECURITY KITS
 SALES NETWORK

1068 intrusion alarm system

CONTROL DEVICES

1068/021

CONTROL KEYBOARD WITH BACKLIT LCD DISPLAY

The keypad allows to activate, deactivate and program control units 1068.

- > 128 x 64 pixel backlit LCD graphic display with contrast and brightness adjustment
- > 3 LEDs signalling system status
- > 18 backlit keys
- > Buzzer with adjustable volume
- > 1 programmable input
- > Anti-tamper
- > The keypad is powered by the bus of the control unit to which it is connected
- > Absorbed current in operation: 22mA
- > Operating temperature: - 10 °C + 40 °C
- > Protection class: IP40
- > Weight: 210 g
- > Dimensions (W x H x D): 141 x 117 x 29 mm



1068/027

7" TOUCH CONTROL KEYPAD

The touch keypad allows the 1068 system to be operated.

In addition to the normal control functions, scenarios can be managed, video surveillance, video door entry and building automation can be integrated.

Music player, gallery and web browser are utilities available to the user.

The keypad must be wall-mounted and features a local Eth-Wi-Fi carrier for connection with the 1068 control units and for internet connectivity. It is powered by a PoE switch

(optional code 1068/002) that provides a backup on data communication.

Compatible with 1068 control units with firmware version 1.025 or higher.

- > POE supply voltage: 48 - 54 Vdc
- > External supply voltage: 48 dc - min. 15 W
- > Maximum consumption: 12 W
- > Terminal output S+, S-: 25 mA at 24 Vdc
- > Display: 7" TFT
- > Capacitive touchscreen
- > Resolution: 1024 x 600 px
- > Brightness: 350 cd/m²
- > Visual angle: 160° / 160°
- > Operating temperature: -5 °C ÷ 45 °C
- > Dimensions (W x H x D): 212 x 138 x 24 mm
- > Frequency bands
 - Wi-Fi: 2400 ÷ 2483.5 MHz
 - Bluetooth ver. 4.0: 2400 ÷ 2483.5 MHz
 - Yokis: 2400 ÷ 2483 MHz
- > Output power (Max):
 - Wi-Fi: 20 dBm
 - Bluetooth ver. 4.0: 4 dBm
 - Yokis: 10 dBm



REFERENCES

CONTROL DEVICES

1068/002

POE INTERFACE FOR TOUCH KEYPAD BACKUP

- > Rated power supply voltage: 13.8 Vdc
- > Operating voltage: 10 ÷ 14.5 Vdc
- > Rated current consumption at 13.8 VDC (without LAN connections): 48mA
- > Max. current consumption at 13.8 VDC (PoE and LAN connections): 1.2A
- > Rated PoE voltage: 48 Vdc
- > PoE power: 14 W
- > ETH2, ETH3, ETH4 connections: RJ45 10/100BaseT
- > MDI/MDIX automatic detection
- > ETH0-PoE connection: RJ45 PoE IEE 802.3af
- > 10/100BaseT MDI/MDIX automatic detection
- > Transfer mode: Storage and Forwarding
- > Cable type: 100base-T CAT5 or higher UTP
- > ETH0-PoE (≤ 30m)
- > ETH2, ETH3, ETH4 (≤ 100m)
- > RJ45 Yellow LED: Speed 10/100Mbps
- > RJ45 Green LED: Active Ethernet connection
- > Dimensions (W x H x D): 88 x 74 x 17 mm



1068/435

BLACK PROXIMITY KEY READER

Mifare Plus proximity reader allows to activate and deactivate control units 1068 through proximity keys code 1068/432.

- > 4 warning LEDs: 3 for system status and 1 for alarm and warning memory
- > 2 programmable auxiliary inputs
- > The reader is powered by the bus of the control unit to which it is connected
- > Absorbed current in operation: 36mA
- > Operating temperature: - 10 °C + 40 °C
- > Casing colour: black
- > Protection class: IP40
- > 1 Simon Urmet adapter of Nea series supplied



1068/436

WHITE PROXIMITY KEY READER

Mifare Plus proximity reader allows to activate and deactivate control units 1068 through proximity keys code 1068/432.

- > 4 warning LEDs: 3 for system status and 1 for alarm and warning memory
- > 2 programmable auxiliary inputs
- > The reader is powered by the bus of the control unit to which it is connected
- > Absorbed current in operation: 36mA
- > Operating temperature: - 10 °C + 40 °C
- > Casing colour: white
- > Protection class: IP40
- > 1 Simon Urmet adapter of Nea series supplied



1068/432

MIFIRE PROXIMITY KEY KIT

The key kit includes 3 Mifare Plus keys.

- > All keys can be customized using the coloured gems included in the kit
- > Each key has a unique code, pre-set at the factory, with more than 4 billion possible combinations



1068 intrusion alarm system

CONTROL DEVICES

1067/335

BLACK ELECTRONIC KEY READER

The additional arming system allows to activate and deactivate control units 1067 and 1068 through electronic key code 1067/332.

- > 4 warning LEDs: 3 for system status and 1 for alarm and warning memory
- > 2 programmable auxiliary inputs
- > The reader is powered by the bus of the control unit to which it is connected
- > Absorbed current in operation: 10mA
- > Operating temperature: - 10 °C + 40 °C
- > Casing colour: black
- > Protection class: IP40
- > Supplied: 1 Simon Urmet adapter of Nea series



1067/336

WHITE ELECTRONIC KEY READER

The additional arming system allows to activate and deactivate control units 1067 and 1068 through electronic key code 1067/332.

- > 4 warning LEDs: 3 for system status and 1 for alarm and warning memory
- > 2 programmable auxiliary inputs
- > The reader is powered by the bus of the control unit to which it is connected
- > Absorbed current in operation: 10mA
- > Operating temperature: - 10 °C + 40 °C
- > Casing colour: white
- > Protection class: IP40
- > Supplied: 1 Simon Urmet adapter of Nea series



1067/332

ELECTRONIC KEY KIT

The key kit includes:

- > no. 3 electronic keys to be programmed, suitable for control units 1061, 1067 and 1068
- > All keys can be customized using the coloured gems included in the kit
- > Each key has a unique code, pre-set at the factory, with more than 1099 billion possible combinations



1067/334

HIGH-SECURITY ELECTRONIC KEY KIT

The electronic key kit includes:

- > no. 1 black additional arming system code 1067/335
- > no. 3 electronic keys code 1067/332
- > The key kit is suitable for control units 1067 and 1068



1067/037

BTICINO WIRING SYSTEM ADAPTER KIT

Pack of Bticino series adapters, ideal for all our key arming systems and proximity readers, 1061, 1067 and 1068 series.

The kit includes:

- > no. 1 Polished white Matix
- > no. 1 Living Now white
- > no. 1 Living Now anthracite
- > no. 1 Living light white
- > no. 1 Living light anthracite
- > no. 1 Axolute white
- > no. 1 Axolute anthracite



REFERENCES

CONTROL DEVICES

1067/038

VIMAR WIRING SYSTEM ADAPTER KIT

Pack of Vimar series adapters, ideal for all our key arming systems and proximity readers, series 1061, 1067 and 1068.

The kit includes:

- > no. 1 Arke anthracite
- > no. 1 Arke white
- > no. 1 Eikon anthracite
- > no. 1 Eikon white
- > n. 1 Vimar Plana
- > n. 1 Vimar Idea anthracite
- > n. 1 Vimar idea white



ACCESSORIES

1067/008A

WIRED ADD-ON ON COMMUNICATION BUS

The wired add-on allows the number of inputs and outputs of the 1067 and 1068 control units to be increased.

- > Management of 8 inputs
- > 1 relay output + 2 open collector outputs
- > 1 tampering input
- > Fully programmable inputs/outputs
- > Communication via bus line
- > Power supply through control unit Bus line
- > Absorbed current: 30mA
- > Operating temperature: - 10 °C + 40 °C
- > Dimensions (W x H x D): 89 x 75 x 14 mm



1067/018

SMALL CONTAINER FOR 1067/008A INTERFACE

Container for the 1067/008A expansion module.

- > Dimensions (W x H x D): 109 x 92 x 20 mm



1068/011

PLUG & PLAY WIRELESS ADD-ON

The module allows 1068 intrusion alarm systems to be extended with wireless devices from the 1051 series. The radio add-on can manage up to: 28 detectors (volumetric sensors and magnetic contacts), 4 sounders, 8 remote controls and 4 keypads.

- > 868MHz radio communication
- > Radio range: 2km in free range
- > Absorbed current: 20mA



1068/017

WIRELESS ADD-ON ON COMMUNICATION BUS

The module allows 1068 intrusion alarm systems to be extended with wireless devices from the 1051 series. The radio add-on can manage up to: 28 detectors (volumetric sensors and magnetic contacts), 4 sounders, 8 remote controls and 4 keypads.

- > Communication via bus line
- > Power supply through control unit Bus line
- > Absorbed current: 35mA
- > 868MHz radio communication
- > Radio range: 2km in free range
- > Anti-tampering protection of the container
- > Operating temperature: - 5 °C + 40 °C
- > Protection class: IP40
- > Dimensions (W x H x D): 180 x 139 x 45 mm



1068 intrusion alarm system

ACCESSORIES

1068/013

ETHERNET/WI-FI IP COMMUNICATOR

The IP interface is an optional module that provides IP/Wi-Fi connectivity to 1068 control units. It allows the integration with a LAN network and thus remote management of alarm systems via App on smartphone or tablet.

The interface is directly connected to the control unit board by means of the connector and directly communicates with the host control unit by means of a dedicated serial connection. The connection to the Internet network is made via the Ethernet or Wi-Fi interfaces integrated in the device.

- > Absorbed current: 60mA
- > Ethernet baudrate: 10Mbps
- > Wi-Fi baudrate: 54Mbps



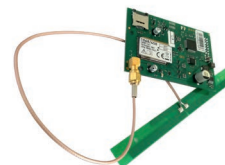
1068/458

GSM TELEPHONE COMMUNICATOR WITH INTEGRATED SPEECH SYNTHESIS

The module allows the 1068 control unit to be connected to the cellular telephone network (GSM) for sending alarm notifications and receiving remote commands. It features a speech synthesis with messages that can be recorded by the user in text-to-speech mode.

The module is equipped with two-band GSM transmitter/receiver (900/1800 MHz) and it includes an antenna to be placed inside the control panel.

- > It can transmit alarms and notifications to reception centres, using the "Ademco® Contact ID protocol" (IDP) communication format
- > The interface is directly connected to the control unit board by means of the connector and directly communicates with the host control unit by means of a dedicated serial connection
- > Current absorbed at rest: 35mA
- > Current absorbed with active connection: 170mA



1067/014

GSM ANTENNA WITH 5 M CABLE

Optional external antenna to be used with the GSM 1067/458 or 1068/458 module when, due to the position of the control panel, the internal antenna provided with the package does not guarantee an adequate signal level. The remote antenna is supplied with a mounting bracket, blocks and 5m-long coaxial cable fitted with SMA-M connector.

1067/092

ADDITIONAL POWER UNIT WITH BUS SIGNAL REPEATER AND EXPANSION CARD.

Additional power unit with bus signal repeater and expansion card.

The additional power unit is an optional device of control units 1067/052A and 1068/010A.

It is equipped with an electronic card that includes a 1067/008A add-on directly connected to the control unit BUS, a Repeater module for expanding and isolating the range of the control unit BUS and an additional power unit for powering the devices connected to the system.

- > Switching power unit: 3.4A
- > Battery: 1 pc. 12V@15A
- > 8 programmable inputs
- > 3 programmable outputs
- > 2 outputs for auxiliary power units
- > 1 power unit output for self-powered devices
- > Button and LEDs for acquisition
- > Metal container
- > Protection class: IP40
- > Weight: 5.6 kg
- > Dimensions (W x H x D): 435 x 320 x 93 mm



1068/018

MODBUS INTERFACE FOR 1068 CONTROL UNITS

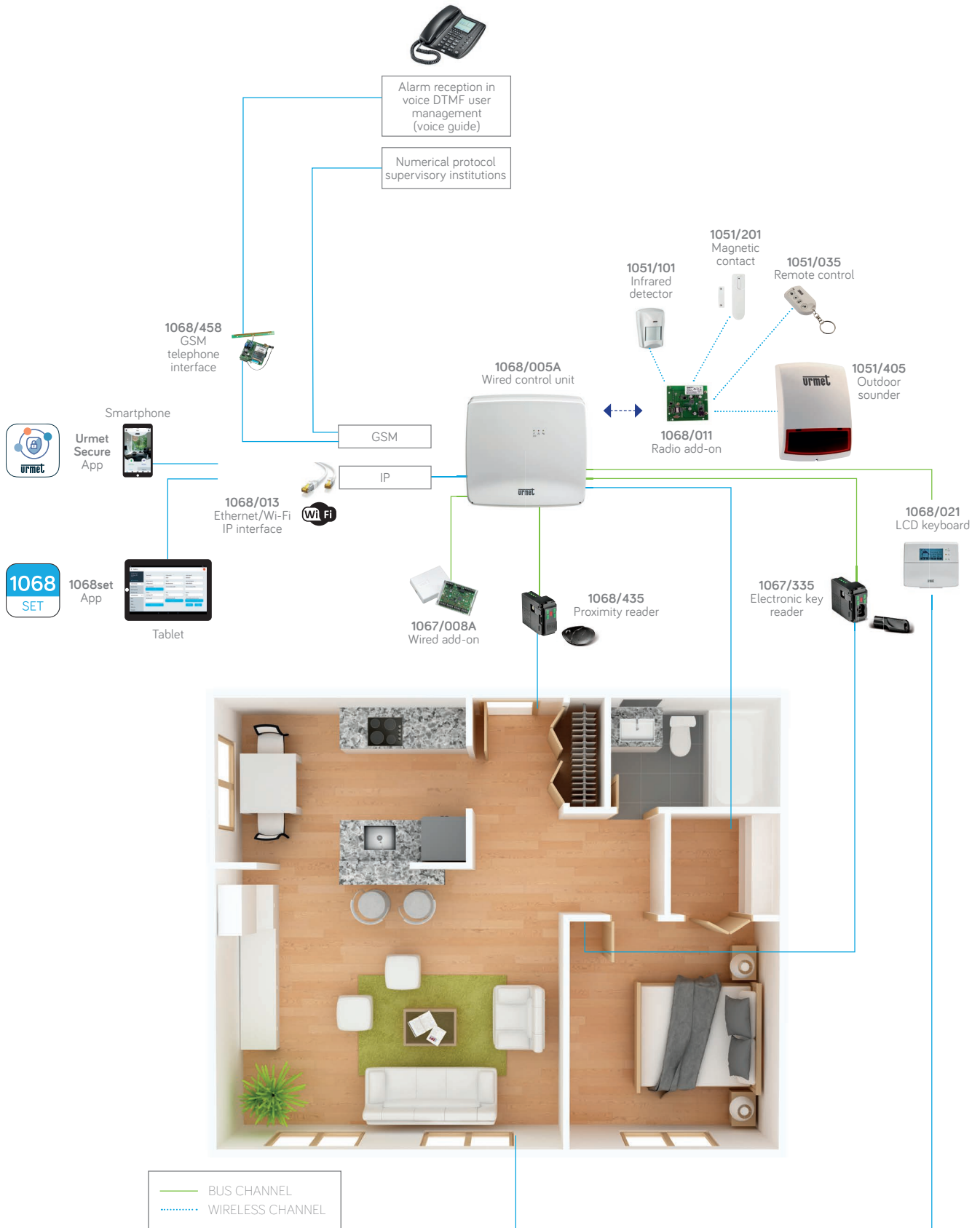
The Modbus interface is a gateway that allows the 1068 burglar alarm control unit to communicate with the Modbus communication standard.

The connection to the LAN network can be either wired (RJ45 cable) or Wi-Fi.

- > Nominal power voltage: 12 ±24Vdc
- > Frequency band: 2400 ÷ 2483,5 MHz
- > Output power (Max): 0,032°
- > Standard LAN Ethernet: IEEE 802.3/802.3u
- > Standard LAN Wi-Fi: IEEE 802.11 b/g/n
- > Operating temperature: -20 °C ÷ +65 °C
- > Dimensions on DIN rail (W x H x P): 37 (~ 2 DIN modules) x 91 x 62 mm



1068 application diagram



WIRED INTRUSION ALARMS

WIRELESS INTRUSION ALARMS

VIDEO SURVEILLANCE

SECURITY KITS

SALES NETWORK

1061 intrusion alarm system

System 1061 features an advanced yet easy-to-use technology. It communicates over bus line, can manage **2 freely** associable zones, includes **3 inputs** for alarm detectors and **2 outputs** for actuators. It can be activated

and controlled using code by means of keyboards, electronic or proximity keys. It is suitable for residential environments and small-sized business activities.



CONTROL UNIT

1061/103

3-INPUT MICROPROCESSOR ANTI-INTRUSION CONTROL UNIT

The anti-intrusion control unit 1061/103 features 3 alarm detection lines, one output for sounder connection, one relay alarm signal output and one system status output (memory reset).

It communicates with all control devices over a data Bus line, supports system splitting into 2 zones and allows system arming from control panel using a code or through electronic or mechanical key or keyfob. The compact-size control unit is simple and intuitive and ideally suited for small residential applications.



CONTROL DEVICES

1061/025

LED CONTROL KEYBOARD

The LED control keypad allows the 1061 control units to be switched on and off, signalling the status of the zones on dedicated LEDs with alarm storage and fault indication.

- > Max. number of codes: 10 (4 to 6 digits)
- > 4-wire connection on bus
- > Anti-robbery function with programmable code typing
- > Surface wall mount installation
- > Recessed installation on 3 modules with Simon Urmet civil series of Nea series
- > System splitting on 4 zones
- > Signalling of zone status on dedicated LEDs with storage of alarms and fault notifications
- > Internal buzzer
- > Colour: anthracite
- > Protection class: IP40
- > Dimensions (W x H x D): 125 x 91 x 34 mm - 4.92 x 3.58 x 1.33 in



1061/026

LED CONTROL KEYBOARD

Same features of ref. 1061/025 but in white.



REFERENCES

CONTROL DEVICES

1061/335
ADDITIONAL INSERTER
 This module allows activating/deactivating the system through an electronic key.
 > 4-wire connection on bus
 > Colour: anthracite
 > Supplied: 1 Simon Urmet adapter of Nea series



1061/336
ADDITIONAL INSERTER
 Same features of ref. 1061/335 but in white.



1067/332
ADDITIONAL KEY KIT
 The Kit includes:
 > 3 electronic keys to be programmed, suitable for systems 1061 and 1067



1061/334
HIGH-SECURITY ELECTRONIC KEY KIT
 The high-security electronic key kit includes:
 > no. 1 black additional arming system code 1061/335
 > no. 3 electronic keys code 1067/332
 > The key kit is suitable for 1061 control units



1061/435
ADDITIONAL PROXIMITY READER
 This module allows activating/deactivating the system through a proximity key.
 > 4-wire connection on bus
 > Colour: anthracite
 > Supplied: 1 Simon Urmet adapter of Nea series



1061/436
ADDITIONAL PROXIMITY READER
 Same features of ref. 1061/435 but in white.



1056/032
ADDITIONAL PROXIMITY KEY KIT
 The Kit includes:
 > 3 proximity keys to be programmed, suitable for systems 1061 and 1067



Indoor volumetric detectors

Volumetric detectors with **different technology** and performance: passive infrared, double technology, Antimasking and Pet Immunity. They are preset **to avoid**

false alarms. Ideal for residential and tertiary environments, they can adapt to different security needs.



PASSIVE INFRARED

1033/012

PASSIVE INFRARED DETECTOR

Indoor infrared passive volumetric detector. This product is distinguished by its compact dimensions and exclusive design. It is suitable for all residential applications. Its operating principle is always based on the variation of human body's heat.

- > Power supply: 12V +/- 3V
- > Max. absorption: 17 mA
- > Two levels of sensitivity/range, preset and selectable (H/L)
- > Max range 15 m
- > Opening angle 90°
- > 18-beam Fresnel lens on 4 layers + low proximity beam
- > Wall or corner mounting
- > Ball joint for wall or ceiling mounting (optional item no. 1033/119)
- > Dimensions (W x H x D): 60 x 60 x 45 mm - 2.36 x 2.36 x 1.77 in



1033/013

PASSIVE INFRARED DETECTOR WITH PET IMMUNITY FUNCTION

Pet immunity detector is suitable for all residential applications where there is the need to differentiate a pet weighing up to 20 Kg.

- > Max. settable range: 12 m
- > Two settable thresholds for Pet Immunity function: 12 kg or 20 kg
- > Opening angle: 90°
- > Wall or corner mounting
- > Rated power supply voltage: 12V +/- 3V
- > Absorption at 12 V: max. 17 mA
- > Alarm relay: 100mA / 24V
- > Tampering relay: 100 mA / 30V
- > Weight: 65 g
- > Ball joint for wall or ceiling mounting (optional item no. 1033/119)
- > Dimensions (W x H x D): 60 x 60 x 45 mm - 2.36 x 2.36 x 1.77 in



REFERENCES

PASSIVE INFRARED

1033/125

CEILING PASSIVE INFRARED DETECTOR

Suitable for all applications in small tertiary buildings (offices, shops, etc.).
Ideal for installation in false-ceiling panels.

- > Power supply: 9 - 15 Vdc
- > Max. absorption: 20 mA
- > Height recommended for installation: from 2.2 m to 5 m
- > Alarm relay: NC 100 mA@24V
- > Tampering device: YES
- > Weight: 90 g
- > Dimensions (Ø x D): 120 x 32 mm - 4.72 x 1.25 in

**DOUBLE TECHNOLOGY**

1033/127

DOUBLE TECHNOLOGY COMPACT BLIND-EFFECT DETECTOR

Suitable for all application in tertiary and residential small buildings
(offices, shops, apartments, houses, etc.)

- > It combines the IR and microwave technologies (10,525 Ghz)
- > Range: 6 m
- > Temperature balancing
- > Settable display LED
- > Dimensions (W x H x D): 32 x 87 x 28 mm - 1.25 x 3.42 x 1.1 in



1033/126

CEILING DOUBLE TECHNOLOGY DETECTOR

Suitable for all applications in small tertiary buildings (offices, shops, etc.).
Ideal for installation in false-ceiling panels.

- > It combines the IR and microwave technologies (10,525Ghz)
- > ECO function: automatic microwave switch-off system (with system disabled)
- > Anti-masking of IR section and MW section
- > Temperature balancing
- > Settable display LED
- > Max. height 3 m
- > Max range: 3 x 6 m
- > Dimensions (Ø x D): 150 x 45 mm - 5.9 x 1.77 in



Indoor volumetric detectors

DOUBLE TECHNOLOGY

1033/130

DOUBLE TECHNOLOGY DETECTOR WITH PET IMMUNITY FUNCTION

The detector 1033/130 is suitable for all residential applications where there is the need to differentiate a pet weighing up to 20 Kg.



1033/132

STANDARD DOUBLE TECHNOLOGY DETECTOR

The use of 2 different technologies (infrared and microwave) allows a high immunity to false alarms under risk conditions, without compromising protection function reliability.



1033/133

ANTI-MASKING DOUBLE TECHNOLOGY DETECTOR

The Anti-masking function makes it more difficult to knock out the system. If a thief identifies the sensor, he/she may try to cover the lens using varnish, tape, paint, paper, etc. But the anti-masking function immediately detects the malfunction of the sensor and, after acknowledging that it stopped working, issues a special alarm signal.



MAIN FEATURES

	1033/130	1033/132	1033/133
> Power supply		12 Vcc	
> Max. absorption at 12V	22 mA	22 mA	34 mA
> Max. range	12 m	15 m	12 m
> Microwave (MW) sensitivity	Adjustable through trimmer		
> Antimasking function	NO	NO	YES (enabled through dip switch)
> Pet Immunity function	Two threshold settable to 12 or 20 kg	NO	NO
> Frequency	10,525 GHz		
> Power emitted	8 dBm		
> Microwave (MW) coverage	90° horizontal - 36° vertical		
> Infrared (IR) coverage)	90°		
> Sensitive area	18 out of 4 surfaces with creep zone		
> Alarm relay	100mA/24V		
> Tamper	100mA/30V		
> Masking relay	NO	NO	100mA/24V
> Environmental humidity	-10 °C + - 55 °C		
> Weight	110 g		
> Dimensions (W x H x D):	61.5 x 107 x 43.5 mm - 2.42 x 4.21 x 1.71 in		
> Performance level	(EN50131-2-4.) Degree 2, Class II		

ACCESSORIES

1033/119

JOINT FOR INDOOR VOLUMETRIC DETECTORS

It is suitable for infrared sensors mod. 1033/012 and 1033/013 and for double technology sensors mod. 1033/130 - 1033/132 and 1033/133.



REFERENCES

PASSIVE INFRARED DETECTORS FOR BUILT

Recessed detectors of Simon Urmet wiring system.
Suitable for residential applications. Recommended installation at 1 - 1.5 m.



MAIN FEATURES - SIMON URMET SERIE

ITEM NO.	1033/168	1033/169	1033/269	1033/270	1033/271
> Module on wiring system	NEA anthracite	NEA white	NEA aluminium	NEA dark steel	NEA ice white
> Power supply	12 Vdc	12 Vdc	12 Vdc	12 Vdc	12 Vdc
> Absorption	15 mA	15 mA	15 mA	15 mA	15 mA
> Range	9 m	9 m	9 m	9 m	9 m
> Detection angle	90°	90°	90°	90°	90°
> Alarm memory	YES	YES	YES	YES	YES
> Dimensions (W x H x D):	44 x 25 x 40	44 x 25 x 40	44 x 25 x 40	44 x 25 x 40	44 x 25 x 40



kàdra



expi



flexa



Outdoor volumetric detectors

Volumetric detectors with **different technology**: passive infrared, Pet Immunity, double technology, Antimasking, **blind-effect**. They are preset **to avoid false alarms**.

Ideal for residential and tertiary environments to protect the building from outside, they can adapt to different security needs.



OUTDOOR DETECTORS

1033/016

DOUBLE TECHNOLOGY OUTDOOR BLIND-EFFECT DETECTOR

Suitable for perimeter protection of your house. We recommend installation with the proper accessories 1033/018 and 1033/019.

- > Power supply: 12 Vdc
- > Range: 8 m
- > MW & PIR double technology
- > Absorption: 20 mA
- > Micro-wave: 24 GHz
- > Infrared lens anti-masking
- > Crossing function
- > AND operation
- > Temperature balancing
- > Response time: 3 sec.
- > Operating temperature: $-10^{\circ} + 55^{\circ}\text{C}$
- > Tampering: 100 mA@30V
- > Protection class: IP61
- > Dimensions (W x H x D): 44 x 110 x 46 mm - 1.73 x 4.33 x 1.81 in
- > EN50131-2-4 certified



1033/018

90° BRACKET FOR DETECTOR 1033/016 AND 1051/107

Rigid bracket for assembly from both sides (LH or RH)

1033/019

JOINT FOR DETECTOR 1033/016 AND 1051/107

It allows corner and ceiling installation and the orientation adjustment option.

REFERENCES

OUTDOOR DETECTORS

1033/146

ANTI-MASKING DOUBLE TECHNOLOGY OUTDOOR DETECTOR WITH PET IMMUNITY FUNCTION

The detector is suitable for outdoor installation and is equipped with Anti-masking and Pet immunity function. It has a range of 10 m and its detection logic is based on the advanced analysis of the activation sequence of the micro-wave movement sensor and of the two independent infrared sensors that compose it. The three sensors have to be activated at the same time within a determined time window in order to issue an alarm. Using this type of working logic enhances the detector's immunity to environmental disturbances.

- > Dual-frame IR and micro-wave MW 10.525GHz
- > Power supply: 12Vcc
- > Max. consumption: 20 mA
- > Anti-masking
- > Pet immunity
- > Range: 15 m
- > Polycarbonate casing
- > Tampering alarm
- > Temperature digital compensation
- > Protection class: IP65
- > Dimensions (W x H x D): 70 x 165 x 55 mm - 2.75 x 6.49 x 2.16 in
- > EN50131 class 2 certification
- > Optional joint



1033/146A

TRIPLE TECHNOLOGY OUTDOOR DETECTOR, HIGH INSTALLATION

Same features as 1033/146 detector. The only differences are range, consumption and installation mode.

- > Max. consumption 45mA
- > Range: 10 m
- > Height recommended for installation: from 2.10 m to 2.30 m



1033/034

BRACKET FOR THE 1033/146 AND 1033/146A DETECTORS

Rigid bracket for assembly from both sides (LH or RH).
The bracket only allows the detector fixing to 45°.



1033/655

OPTIONAL LENS FOR 1033/146A DETECTOR

Optional lenses allow the coverage area of the 1033/146A detector to be limited to central or lateral beams only.



1033/152

4-ELEMENT OUTDOOR PASSIVE INFRARED DETECTOR

Passive infrared detector, equipped with 4 pyroelectric elements. It is a highly reliable sensor for outdoor use. The detector is designed to operate with a detection range of 12 metres for each detection side (RIGHT - LEFT) mounted at a height of 0.8 to 1.2 metres above the ground.

- > Supply voltage: 9.5 to 18Vdc
- > Current absorption: 31mA max@12Vdc
- > Coverage: 24 m; 12 m on each side; 4 zones; 2 zones on each side
- > Sensitivity: individually selectable for each side
- > Alarm time: 2.0 ± 1 second
- > Warm-up period: 60 seconds or less (LED flashes)
- > Separate left and right alarm output: 100mA 28VDC max. [N.O. or N.C.] selectable
- > Tamper output: NC 100mA 28VDC max. It opens when front cover, main unit or base are removed
- > Operating temperature: -30 °C to +60 °C
- > Ambient humidity: 95% max.
- > Protection class: IP55
- > Fixing height: from 0.80 m to 1.20 m
- > Weight: 430 g



Outdoor perimeter barriers

Perimeter barriers consist of an infrared modulated light **transmitter** and a receiver: when the infrared ray **emitted** by the transmitter is interrupted, an alarm is issued. Synchronised barriers are used for installation with more

than 2 active infrared beams. Ideal for protecting skylights, terraces, courtyards, perimeter fences, buildings' outer perimeters.



MULTIPLEXED BARRIERS

1033/282

MULTIPLEXED BARRIERS WITH 2 BEAMS. HEIGHT 0.5 M. IMQA

1033/283

MULTIPLEXED BARRIERS WITH 4 BEAMS. HEIGHT 1 M. IMQA

1033/284

MULTIPLEXED BARRIERS WITH 6 BEAMS. HEIGHT 1.5 M. IMQA

1033/285

MULTIPLEXED BARRIERS WITH 8 BEAMS. HEIGHT 2 M. IMQA



NOTES: Active infrared barriers with several internal synchronised beams. Suitable for the protection of several doors, windows or skylights.

MAIN FEATURES

	1033/282	1033/283	1033/284	1033/285
> Power supply			12 Vcc	
> Internal range (m)			20	
> External range (m)			10	
> Tx absorption in alarm	47 mA	73 mA	99 mA	127 mA
> Rx absorption in alarm	18 mA	24 mA	30 mA	36 mA
> Coverage	2 beams	4 beams	6 beams	8 beams
> Alarm relay output			100 mA@24Vcc	
> Tamper output			50 mA@12Vcc	
> Operating temperature			-25 °C + 55 °C	
> Weight (g)	250	500	750	1.000
> Dimensions (W x H x D)	25 x 540 x 23 mm 0.98 x 21.25 x 0.9 in	25 x 1.030 x 23 mm 0.98 x 40.55 x 0.9 in	25 x 1.520 x 23 mm 0.98 x 59.84 x 0.9 in	25 x 2.020 x 23 mm 0.98 x 79.52 x 0.9 in

REFERENCES

ACTIVE INFRARED

1033/392

SYNCHRONISED ACTIVE DOUBLE BEAM INFRARED, 60 M RANGE



1033/393

SYNCHRONISED ACTIVE DOUBLE BEAM INFRARED, 120 M RANGE

NOTES: The barriers are suitable for installation in columns or in locations protected from the weather. Ideal for residential and office building applications.

MAIN FEATURES

	1033/392	1033/393
> Power supply	10-30 Vcc	10-30 Vcc
> Range (m)	60 m	120 m
> Absorption	90 mA (pair)	90 mA (pair)
> Detection system	Modulated infrared beams	Modulated infrared beams
> Alarm relay output	NC contact	NC contact
> Tamper output	NC contact	NC contact
> Fog disqualification	YES with open collector output	YES with open collector output
> Operating temperature	-25°(with heater) +65°C	-25°(with heater) +65°C
> Protection class	IP65	IP65
> Dimensions (W x H x D)	80 x 180 x 75 mm 3.14 x 7.1 x 2.95 in	80 x 180 x 75 mm 3.14 x 7.1 x 2.95 in

COLUMNS AND ACCESSORIES

1033/290

ALUMINIUM COLUMN KIT H=1.5 M

The column kit includes: 1 anodized aluminium, 1 polycarbonate, 2 covers, 1 upper tampering device, 1 mounting kit, 1 thermostat, 1 resistor and one anti-intrusion module.



1033/291

ALUMINIUM COLUMN KIT H=2 M

Same features and composition of ref. 1033/290.

1033/295

BASE TO BE CEMENTED. PACKAGE OF 2 PCS



1033/296

FLOOR MOUNTING BRACKET. PACKAGE OF 2 PCS



1033/297

WALL MOUNTING BRACKET. PACKAGE OF 2 PCS

1033/298

MICRO-CONTACT (TAMPERING DEVICE) FOR LOWER PLUG

1033/299

HEATING RESISTOR

NOTES: Columns for infrared perimeter barriers are made of a black anodized aluminium profile and a polycarbonate casing. Using the dedicated accessories, they can be installed on the wall or on the floor. Columns are compatible with barrier models 1033/392 and 1033/393.

Outdoor micro-wave barriers

Used for **indoor and outdoor environmental protection**, the barrier consists of 2 transmitting and receiving units (TX/RX). Each receiver is equipped with a **selective filter** that can select only the frequency of its own channel and discard the others. The transmitter and the receiver

can be tuned to the **same frequency** through the dip switches that allow encoding 5 different channels. This **prevents interferences** when several pairs of barriers are installed simultaneously. The tropicalized resin finishing ensures a **high resistance** to bad weather.



FEATURES

- > Selectable channels
- > Selective filter
- > Disabling signalling
- > Protection lobe

REFERENCES

MICRO-WAVE BARRIERS

1033/390

OUTDOOR MICRO-WAVE BARRIER, 60 M RANGE

Rated power supply voltage: 12 Vdc

- > Min./max. operating voltage: 11,5 ÷ 15 Vdc
- > Absorption at rest: TX 31mA / RX 70 mA
- > Alarm absorption: TX 31mA / RX 70 mA
- > Transmission frequency: 10.525 GHz (+/- 20 MHz)
- > Alarm relay block: signal on dedicated input
- > Alarm relay: NC 500 mA 12 Vdc
- > Disabling signalling: electric output
- > Modulation: 5 selectable channels
- > Anti-tampering protection: anti-opening micro-switch
- > Operating temperature (optional heating kit): -20 °C + - 55 °C
- > Housing protection rating: IP34
- > Dimensions (W x H x D): 176 x 230 x 133 mm - 6.92 x 9 x 5.23 in



1033/391

OUTDOOR MICRO-WAVE BARRIER, 120 M RANGE

Same features of ref. 1033/390 but with 120 m range.



1033/395

GALVANISED POLE FOR FLOOR INSTALLATIONS FOR 1033/390 AND 1033/391 MICROWAVE BARRIERS

- > Length: 120 cm - 47.27 in

1033/396

GALVANISED POLE FOR UNDERGROUND INSTALLATIONS FOR 1033/390 AND 1033/391 MICROWAVE BARRIERS

- > Length: 130 cm - 51.18 in

1033/397

WALL MOUNTING BRACKET FOR 1033/390 AND 1033/391 MICROWAVE BARRIERS

- > Length: 58 cm - 22.83 in



1033/398

THERMOSTATTING KIT FOR 1033/390 AND 1033/391 MICROWAVE BARRIERS

The kit consists of a thermostat and a heating resistance.

- > Power supply: 12Vcc
- > Absorption: 150 mA

Perimeter detectors

Devices that trigger an alarm when an event occurs on windows' glasses or shutters (breakage, opening, impact).

They are available in different modules:

Magnetic contacts, based on magnetic induction.

Electromechanical contacts, made of a single element

(button or micro-switch) that, through the mechanical activation of a contact, signal the alarm status.

Piezoceramic sensors, made of a piezoceramic plate that, subjected to vibration, autonomously generates electric pulses.



ROLLING SHUTTER CONTACTS

1033/207

MAGNETIC WIRE CONTACT FOR SHUTTERS

Contact 1033/207 detects when rollers shutters are lifted, torn or cut.

It is installed inside the shutter box. The shutter box can be stopped at any point. For control units that do not manage fast inputs, it must be used in combinations with the analysis card 1033/209.

- > Beige thermoplastic material
- > Connection: 2 x 10 cm wires
- > Sect. 0.35 mm²
- > Dimensions (W x H x D): 90 x 102 x 16 mm



1033/209

ANALYSIS CARD FOR 1033/207

- > It allows setting the number of pulses before the alarm triggering
- > Max. 6 contacts 1033/207 per card
- > Power supply: 10 ÷ 15 Vdc
- > Maximum absorption at rest: 22 mA@12 Vdc
- > Maximum absorption in alarm: 7 mA@12 Vdc
- > Sensitivity adjustment: through trimmer
- > Alarm pulse duration: 1.5 s ± 0.5
- > Fail-safe exchange relay NC and NO contact
- > Max. applicable voltage: 24 Vdc
- > Max. applicable current: 1 A with resistive load



REFERENCES

MAGNETIC CONTACTS

1033/701

IMQA MAGNETIC CONTACT

- > White thermoplastic material
- > Surface mounting
- > 2 alarm wires
- > 2 anti-tampering wires
- > Suitable for wooden doors
- > Dimensions (W x H x D): 40 x 13 x 7.5 mm - 1.57 x 0.51 x 0.29 in



1033/702

MAGNETIC CONTACT WITH TERMINALS

- > White thermoplastic material
- > Surface mounting
- > Possibility of 2 internal connections
- > Suitable for wooden doors
- > Dimensions (W x H x D): 40 x 13 x 17 mm - 1.57 x 0.51 x 0.66 in



1033/703

BRASS MAGNETIC CONTACT FOR RECESSED INSTALLATION. IMQA

- > Machined brass material
- > Recessed installation
- > 2 alarm wires
- > 2 anti-tampering wires
- > Suitable for wooden doors
- > Mounting hole: Ø 8 mm - 0.31 in
- > Length: 33 mm - 1.29 in



1033/704

MAGNETIC CONTACT FOR RECESSED INSTALLATION FOR ARMoured DOORS

- Magnetic contact for recessed installation for armoured doors.
- > White thermoplastic material with nickel plated phosphor-bronze springs
- > Recessed installation
- > 4 wires of which two are for anti-intrusion
- > Suitable for armoured doors
- > Mounting hole: Ø 20 mm - 0.78 in
- > Length: 18 mm - 0.70 in



1033/705

MAGNETIC CONTACT FOR SWINGING DOORS. IMQA

- > Polished die-cast aluminium material (resistant to the passage of heavy duty trucks' wheels)
- > Cable with 4 wires of which 2 protect the protective sheath from tampering
- > 1 m long output cable in rubber coated steel
- > Contact dimensions (W x H x D): 30 x 42 x 15 mm - 1.18 x 1.65 x 0.59 in
- > Magnet dimensions (W x H x D): 98 x 30 x 25 mm - 3.85 x 1.18 x 0.98 in



1033/706

MAGNETIC POWER CONTACT FOR IRON FRAMES

- > Polished die-cast aluminium material
- > Surface mounting
- > 2 alarm wires
- > 2 anti-tampering wires
- > Anti-loosening plug
- > Rubber cable gland
- > Dimensions (W x H x D): 80 x 18 x 18 mm - 3.14 x 0.7 x 0.7 in



Perimeter detectors

MAGNETIC CONTACTS

1033/801

RIPLÉ BALANCING MAGNETIC CONTACT. IMQA

- > Die-cast aluminium material
- > Suitable for frames of any material
- > Protection against casing opening
- > Surface mounting
- > Operating temperature range: -25°+70°C
- > Protection class: IP65
- > Dimensions (W x H x D): 125 x 38 x 28 mm - 4.92 x 1.49 x 1.1 in



1033/802

DOUBLE BALANCING MAGNETIC CONTACT. IMQA

- > Die-cast aluminium material
- > Suitable for frames of any material
- > Clamp connection
- > Surface mounting
- > Operating temperature range: -25°+70°C
- > Protection class: IP65
- > Dimensions (W x H x D): 125 x 38 x 28 mm - 4.92 x 1.49 x 1.1 in



1033/803

TRIPLE BALANCING MAGNETIC CONTACT. IMQA

- > Die-cast aluminium material
- > Suitable for frames of any material
- > Protection against casing opening and tearing
- > Clamp connection
- > Surface mounting
- > Operating temperature range: -25°+70°C
- > Protection class: IP65
- > Dimensions (W x H x D): 125 x 38 x 28 mm - 4.92 x 1.49 x 1.1 in



1033/711

WHITE MAGNETIC CONTACT

Magnetic contact for universal use.

- > White thermoplastic material
- > Surface mounting
- > 2 alarm wires
- > Suitable for wooden doors
- > Dimensions (W x H x D): 40 x 13 x 7.5 mm



1033/713

FLUSH-MOUNTED MAGNETIC CONTACT

Flush-mounted magnetic contact for wooden doors.

- > White thermoplastic material
- > Flush-mounting
- > 2 alarm wires
- > Suitable for wooden doors
- > Mounting hole: Ø 8 mm
- > Length: 33 mm



1033/714

FLUSH-MOUNTED MAGNETIC CONTACT FOR ARMoured DOORS, BROWN COLOUR

Magnetic contact, for flush mounting on armoured doors.

- > Brown thermoplastic material
- > Flush-mounting
- > 4 wires of which two for anti-tampering
- > Suitable for armoured doors
- > Mounting hole: Ø 20 mm
- > Length: 28 mm



REFERENCES

MAGNETIC CONTACTS

1033/715

MAGNETIC CONTACT FOR SWINGING DOORS

Plastic magnetic contact for mounting on swinging doors.

- > Anthracite-coloured plastic material
- > 4-wire cable including two for protective sheath anti-tampering
- > 50 cm plastic-coated steel output cable
- > Dimensions (W x H x D) contact: 120 x 40 x 15 mm
- > Dimensions (W x H x D) magnet: 77 x 30 x 30 mm



1033/716

MAGNETIC ULTRA-FLAT CONTACT FOR FRAMES

- > White thermoplastic material
- > Surface mounting
- > 2 alarm wires
- > Dimensions (W x H x D): 60 x 15 x 5 mm - 2.36 x 0.59 x 0.19 in



LIQUID PRESENCE DETECTORS

1033/255

LIQUID PRESENCE DETECTORS

Electronic (non-flammable) liquid presence detector. The detection of water presence is carried out by means of 4 gold-plated support feet, which cause detector's alarm condition by making a relay switch inside it.

- > Container's material: white thermoplastic
- > Operating voltage: from 12 to -27 Vdc
- > Average absorption: 3.5 A at 27 Vdc
- > Operating temperature: from +5 to +50 °C
- > Dimensions (W x H x D): 64 x 96 x 30 mm - 2.51 x 3.77 x 1.18 in



1033/256

PROBE FOR LIQUID PRESENCE DETECTOR

External probe that can be connected to sensor 1033/255. Max. 10 probes per detector.



INERTIAL CONTACTS

1033/352

GLASS-BREAK DETECTOR

The device allows detecting the breakage of glass.

- > Coverage range: 2 m
- > Surface mounting
- > Supplied bi-adhesive pad
- > Protection class: IP67
- > Dimensions (W x H x D): 37 x 19 x 12 mm - 1.45 x 0.74 x 0.47 in



1033/353

MICROPROCESSOR-BASED SEISMIC DETECTOR

This device is a MEMS-type seismic sensor with microprocessor-based signal analysis. It is suitable for all surfaces.

- > Power supply: 9 ÷ 15 Vdc
- > Absorption: 10mA in alarm
- > Alarm output: solid-state relay N.C. 150mA 60Vcc max
- > Tamper: Voltage-free N.C. contact
- > Alarm: - 1 typical second
- > LED: Internal enable/disable jumper
- > Operating temperature: -10 °C ÷ 40 °C
- > Material: ABS
- > Colour: white
- > Dimensions (W x H x D): 89 x 25.5 x 23 mm
- > Compliant with: EN50131-2-6



Actuators and accessories

The range of Urmet actuators offers a **series of self-powered** sounders, protected and highly resistant, as well

as **sequence switches**, suitable for all systems that can send pre-recorded messages over any telephone line.



SOUNDERS

1033/414

OUTDOOR SELF-POWERED SOUNDER WITH FLASHER

The sounder is suitable for outdoor use and equipped with flasher and double protection against opening and removal from the wall. It is suitable also to be used as a signalling device on scaffoldings.

- > Operating voltage (min. - max.) 9 ÷ 15 Vdc
- > Absorption at rest: 7 mA
- > Max. absorption in alarm: 1600 mA average
- > Sound pressure: 107 dB (A) @ 1 m
- > Scaffolding function
- > Alarm count programming
- > Sound time programming
- > Input stopping voltage (NC to positive)
- > Low battery threshold: 11.5 Vdc
- > Sounder tamper contact: 1A at 24V
- > Operating temperature: -25 °C ÷ +70°C
- > Housing protection rating: IP44
- > Material: Self-extinguishing PC-ABS
- > Allocable battery: 12V - from 1.9 to 2.2 Ah
- > Dimensions (W x H x D): 203 x 253 x 87 mm - 7.99 x 9.96 x 3.42 in
- > Ensured performance level (EN50131-4): Class 2



1033/417

PROTECTIVE GRILLE FOR SOUNDER 1033/414

The grille is an optional protective element for sounder 1033/414. It is made of 8/10 galvanized sheet metal.

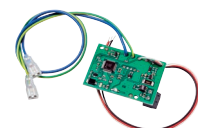


1033/409

PROTECTIVE MODULE FOR SOUNDER 1033/414

The additional protection module is managed by a microprocessor that can detect attempts at tampering with foam and thermal attacks.

- > Protection module absorption: 5 mA



REFERENCES

SOUNDERS

1033/426

ADDITIONAL INDOOR SOUNDER

- > Rated power supply voltage: 12 or 24 V-
- > Operating voltage: 10.5 ÷ 30 V-
- > Max. absorption in alarm: 260 mA
- > Frequency (dual tone): 3500 - 3700 Hz
- > Sound pressure: 110 dB(A)@1m
- > Sound pressure in alarm: 110 dB(A)@1m
- > Anti-opening micro-switch: 1A@24V
- > Operating temperature: -10 °C ÷ + 55 °C
- > Housing protection rating: IP41
- > Dimensions (W x H x D): 145 x 100 x 42 mm - 5.7 x 3.93 x 1.65 in



1033/428

ADDITIONAL INDOOR SELF-POWERED SOUNDER

Same characteristics as sander 1033/426 but with presetting for back-up 9V alkaline or rechargeable Ni-Mh battery.

SEQUENCE SWITCHES

1033/462A

4-CHANNEL GSM SEQUENCE SWITCH (IT LANGUAGE)

The sequence switch manages 4 alarm inputs and 2 outputs, constantly monitors and shows, through the LCD display, the status of inputs and outputs, the battery voltage, the field signal strength and manages a periodic test to check live presence.

- > Supply voltage: 13.8V
- > Minimum operating voltage: 10.5V
- > Absorption at rest at 13.8V: 140mA
- > Absorption during telephone cycle at 13.8V: 270mA
- > Operating temperature: +5 °C + 45 °C
- > Voice synthesis phone transmission: 120 seconds per 12 messages
- > Installer Code: 1
- > User Code / Surveillance code: 1
- > Output activation code: 2
- > SMS messages: transmission and reception
- > Telephone numbers: 16 of 24 characters
- > Test telephone number: 1 of 24 characters
- > Provider telephone number: 1 of 24 characters
- > Inputs delayable from 0 to 60 sec. and from 0 to 90 min: 4
- > Control input (lock): 1
- > Controllable outputs: 2
- > Event log 99 events
- > Display: LCD 16x2
- > Keyboard: 18 Keys
- > Dimensions (W x H x D): 131 x 121 x 31 mm - 5.15 x 4.76 x 1.22 in



BATTERIES

1033/600

12V 1.9A BATTERY

Lead-acid rechargeable back-up battery. Load voltage: 13.8 Vdc.
Suitable for outdoor sounders 1033/414 and 1033/415.



1033/601

12V 7A BATTERY

Lead-acid rechargeable back-up battery. Load voltage: 13.8 Vdc.
Suitable for control units in plastic container 1068/005A - 1068/010A - 1061/103.



1033/602

B12V 15A BATTERY

Lead-acid rechargeable back-up battery. Load voltage: 13.8 Vdc
Suitable for control units and power units in metal container. 1067/052A - 1067/092 - 1068/015.



Wireless intrusion alarms

Wireless security: two-directional and integrated

Wireless intrusion detection systems are the ideal solution for installations in environments where it's not necessary to restructure or undertake masonry works

Urmet's wireless alarm system is equipped with two-directional technology to **guarantee security** as reliable as a wire plant.



Zeno Pro system



Indoor volumetric detectors



Camera detectors



Outdoor volumetric detectors



Magnetic contacts



Sounders



Cameras

Zeno 1051 wireless system

From today, **Zeno Pro** is even more powerful: the new wireless intrusion alarm solution is available with **IP and 4G** communicator to send high-speed data in case of an alarm and integrated **Wi-Fi** connection to programme and manage the system locally. Zeno Pro is fully bi-directional; the devices constantly communicates with the control unit to confirm the accuracy of transmitted data. Video verification and remote management are some of the functions most popular with users. Zeno Pro's flexibility is an effective response to alarm systems that need flexibility of use: 3 zones that can be partialised, 80 freely associated radio devices, 20 configurable users, 6 devices with camera and up to 3 photos that can be

recorded during and after each alarm event. Programming is very simple thanks to the automatic recognition of the peripherals by the control unit: simply press a button on the device to be acquired. Connectivity is one of the fundamental elements of Zeno Pro security: it sends voice alarms, text messages, images, emails and numeric protocols. Security is one of Zeno Pro's key characteristics. The Anti-Jamming function (which detects radio frequency interference), the measurement of any wireless signal present in the field and the supervision of other devices are the vital features of a product that complies with **EN50131** certifications.



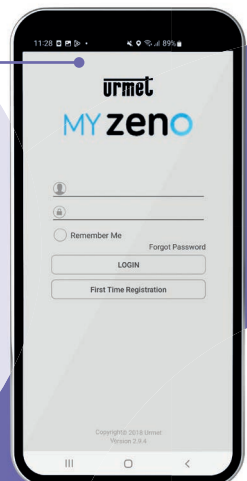
THE APPLICATION ALLOWS YOU TO

- > Activate, deactivate and split the system
- > Display the status of the devices in the system
- > Display the images of an alarm event or on request
- > Exclude and/or restore single devices
- > Display the event log
- > Change passwords
- > Change users' codes
- > Configure e-mails and push notifications to which the reports are to be sent

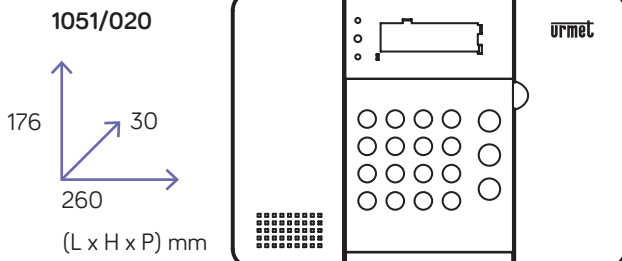


MYZENO

The **new free App** allows controlling your alarm system in a simple and user-friendly way via **smartphone or tablet**. It is possible to display the status of the system and activate or deactivate it totally or partially. **Not only intrusion alarm, but also video surveillance.**



FEATURES



- > Two-way technology
- > Anti Jamming function: radio frequency interference detection
- > Check of wireless signal available on the field
- > Device supervision to always ensure the correct operating status
- > Integrated IP and 4G communicators for high-speed transmission of data, voice messages or text messages in case of alarm
- > Wi-Fi connection for system local programming and management
- > For the user: www.myzeno.urmet.com web portal to manage the system also from the PC with all the functions of the MyZero App
- > For the installer: web panel to programme the Zeno Pro system through the direct connection to the control unit from the PC
- > Video check: alarm notification with photo attachments
- > Compatibility with Alexa and Google Home voice assistants, sending of voice commands to enable and disable the system
- > Safety compliant with EN50131 class 2

SYSTEM BENEFITS

- > Double 4G and IP communication vector
- > Free MYZENO management App
- > Installer web panel for local configuration/programming via PC
- > User web portal for system management via PC
- > Video surveillance integration

STILL MORE ADVANTAGES FOR THE INSTALLER

Via the Ethernet port on the control unit, locally, the installer can **connect directly to the Zeno Pro control unit**: thanks to the **Finder** application (that can be downloaded free of charge on the Urmet website) it is possible to connect immediately to the installed control unit.

After entering the password, the browser allows accessing the web panel from which you can **programme and configure the control unit** in every detail.

From the web Panel, you can:

- Learn and configure the devices.
- Programme system parameters.
- Display system information.
- Programme control unit parameters.
- Programme network parameters.
- Programme APNs and phone numbers.
- Set the reports.
- Display the event log.
- Update control unit firmware.



Zeno 1051 wireless system

CONTROL UNIT

1051/020

WIRELESS 1051 ANTI-INTRUSION CONTROL UNIT WITH BUILT-IN 4G/IP COMMUNICATOR

Zeno Pro is the new Zeno control unit version. The most outstanding features introduced in the new version are the new graphics for the web configurator, Wi-Fi connectivity, higher number of manageable devices, multilingual menu, vocal assistant dialogue.

The system is two-directional, flexible and easy to install. It is ideal for all residential environments. Connectivity is one of the fundamental elements of Zeno Pro security: it sends voice alarms, text messages, images, emails, numeric protocols, and notifications.

Supervision, anti-jamming and range signal measurement guarantee the security of Zeno Pro and make the product compliant with EN50131 grade 2 certification.

> Bidirectional radio frequency communication with all devices, ZigBee and 868 MHz connections

> Built-in power supply unit: 230Vac

> Range: 2 km in free range (without reflections and attenuation)

> Internal backup battery with 15 hours duration (average value)

> Radio frequency connection for up to 80 devices

> Full compatibility with ZigBee devices (IR with camera item no. 1051/104A and status LED item no. 1051/003) and 868MHz devices (all current devices)

> Connection of up to 6 IR detectors with camera for alarm verification

> Recording of 3 photos at each alarm event

> Integrated speech synthesis

> Sounder: integrated

> Connections: IP/WiFi/4G

> Wi-Fi mode: client

> Coercion alarm

> Web menu languages: multilingual (Italian, French, German, English)

> Activation/deactivation via remote controls, keyboards, smartphones, tablets

> Three partialisation areas: partial A/B/C insertion

> Assignment of each device to one or more partialisation areas

> Maximum 20 configurable users (codes and remote controls)

> Maximum 10 configurable activation/deactivation/partialisation codes

> Storage capacity: up to 200 events

> Sending of alarms/images, e-mail, SMS, push notifications, CID and SIA protocols

> Remote control via APP (iOS and Android)

> Cycle of 3 vocal calls for each number entered (max. 15 calls)

> Call cycle blocking by selecting key 9 (to be carried out by the called person)

> Integrated keyboard and LCD display

> Measurement of wireless and 4G signals

> Possibility to disable fault signals from the control unit not connected to the Internet via the Disable IP/GSM menu

> Supervision of all devices except remote control and keyboard

> Radio frequency interference detection (Anti Jamming)

> Compatible with Google Home and Alexa

> Compatible with IP camera item no. 1051/004

> Compatible with the current Zeno Portal and MyZeno App

> Internal sounder sound level: 95dB at 1m

> Operating temperature: -10° to +45°C

> Weight: 600 g

> Dimensions (W x H x D): 260 x 176 x 30 mm



SPARE PARTS

1051/515

1051 AND ZENO PRO SPARE POWER SUPPLY UNIT FOR WIRELESS CONTROL UNITS

Spare power supply unit for Zeno control units.

1051/619

1051/019A AND 1051 SPARE BATTERY FOR WIRELESS CONTROL UNIT

Spare battery for Zeno control units.

REFERENCES

CONTROL UNITS

1051/921

WIRELESS ZENO PRO 1051 ANTI-INTRUSION KIT WITH BUILT-IN 4G/IP/WI-FI COMMUNICATOR AND SPEECH SYNTHESIS

The kit includes:

- > no. 1 code 1051/020 - Management control unit with integrated 4G/IP/Wifi communicator
- > no. 1 code 1051/201 - Magnetic contact
- > no. 1 code 1051/101 - Passive infrared detector
- > no. 1 code 1051/035 - Remote control



1051/911

MULTIFUNCTIONAL WIRELESS ANTI-INTRUSION KIT WITH BUILT-IN GSM/IP COMMUNICATOR

The kit includes:

- > no. 1 code 1068/010R - Multifunction wireless control unit with integrated GSM/IP communicator
- > no. 1 code 1051/201 - Magnetic contact
- > no. 1 code 1051/101 - Passive infrared detector
- > no. 1 code 1051/035 - Remote control
- > no. 1 code 1068/21 - Service keypad



CONTROL AND SIGNALLING DEVICES

1051/035

WIRELESS 1051 AND ZENO PRO REMOTE CONTROL WITH 4 FUNCTIONAL KEYS

The remote control allows the user to activate, deactivate and split the system.

- > Power supply: 1 lithium battery CR2032 3V
- > Battery duration: 3 years (typical value, may vary depending on specific use)
- > Radio communication mode: two-directional
- > Frequencies: 868WF
- > Total and partial programmable ON/OFF activation control devices
- > Panic alarm (press the + key until the green LED is displayed)
- > The panic alarm can be silent or acoustic
- > Control receiving feedback LED
- > System status report LED
- > Operating temperature: -10 °C + 45 °C
- > Weight: 60 g
- > Dimensions (W x H x D): 50 x 33 x 14.5 mm - 1.96 x 1.29 x 5.7 in



1051/025

1051 AND ZENO PRO LED COMMAND KEYBOARD FOR WIRELESS CONTROL UNITS

The additional keyboard allows the user to activate, deactivate and split the system.

This device can also be used to activate the Panic alarm and the Coercion function.

- > Power supply: 1 lithium battery CR2450 3V
- > Battery duration: 3 years (typical value, may vary depending on specific use)
- > Radio communication mode: two-directional
- > Frequencies: 868WF
- > Total and partial programmable ON/OFF activation control devices
- > Panic alarm
- > System status report LED
- > Operating temperature: -10 °C + 45 °C
- > Weight: 100 g
- > Dimensions (W x H x D): 80 x 116 x 20.5 mm - 3.14 x 4.56 x 8 in



Zeno 1051 wireless system

CONTROL AND SIGNALLING DEVICES

1051/003

1051 AND ZENO PRO SYSTEM STATUS SIGNALLING DEVICE FOR WIRELESS CONTROL UNITS

The device allows displaying the system status (whether it is enabled or disabled) and the alarm memory.

- > Power supply: 1 3V CR123A lithium battery
- > Battery duration: 2 years (typical value, may vary depending on specific use)
- > Supervision
- > Status display via LEDs
 1. Off: the system is deactivated.
 2. One green flash every 4 seconds: indicates the total or partial activation status.
 3. One red flash every 3 seconds: indicates the current or saved alarm.The signal disappears when the system is deactivated.
- > Dimensions (W x H x D): 73.9 x 45.8 x 22 mm - 2.9 x 1.8 x 0.86 in



DETECTORS

1051/101

INDOOR 1051 AND ZENO PRO WIRELESS PASSIVE INFRARED DETECTOR

The detector is a wireless sensor suitable for all residential applications. Its operating principle is based on the variation of human body's heat. It has a range of 12 m and a view angle of 110°.

- > Power supply: 1 3V CR123A battery
- > Battery duration: 3 years (typical value, may vary depending on specific use)
- > Range: 12 m with 110° view angle
- > Radio communication mode: bidirectional
- > Operating frequency: 868WF
- > Automatic temperature compensation
- > Test mode
- > Two selectable sensitivity levels
- > Supervision
- > Operating temperature: -10 °C to +45 °C
- > Weight: 300 g
- > Dimensions (W x H x D): 53.2 x 67 x 89.2 mm - 2.1 x 2.63 x 3.51 in



1051/102

INDOOR 1051 AND ZENO PRO WIRELESS PASSIVE INFRARED DETECTOR WITH PET IMMUNITY FUNCTION

The Pet Immunity passive infrared detector is an indoor sensor designed specifically for cases in which there are small animals within the area to be protected.

- > Power supply: 1 3V CR123A battery
- > Battery duration: 3 years (typical value, may vary depending on specific use)
- > 7-metre range with 110° view angle
- > Radio communication mode: bidirectional
- > Operating frequencies: 868WF
- > Animal differentiation up to 27 k
- > Two selectable sensitivity levels
- > Supervision
- > Operating temperature: -10 °C to +45 °C
- > Weight: 300 g
- > Dimensions (W x H x D): 53.2 x 67 x 89.2 mm - 2.1 x 2.63 x 3.51 in



REFERENCES

DETECTORS

1051/103

INDOOR 1051 AND ZENO PRO WIRELESS DUAL TECHNOLOGY DETECTOR

This dual technology detector is designed for all types of applications in residential and small tertiary buildings (offices, shops etc.). Its operating principle combines the use of infrared (IR) and microwave (MW) technologies, guaranteeing a high immunity level to false alarms.

- > 3V CR123A lithium batteries supplied
- > Battery duration: 4 years (typical value, may vary depending on specific use)
- > Settable detection range: max. 12 metres
- > Radio communication mode: bidirectional
- > It combines IR and 10.525GHz microwave technologies
- > Supervision
- > Automatic temperature compensation sensor
- > Wall-mounted or corner-mounted using a bracket
- > Tamper-proof device
- > Status display via three LEDs
- > Operating temperature: -10 °C to +45 °C
- > Weight: 100 g
- > Dimensions (W x H x D): 63.3 x 112.5 x 62 mm - 2.49 x 4.42 x 2.44 in



1051/104A

INDOOR WIRELESS PASSIVE INFRARED DETECTOR WITH CAMERA

The detector is a wireless passive infrared movement sensor with an incorporated camera.

When it detects a movement, it sends alarm signals and images to the control unit. It has a range of 12 m and a view angle of 102°.

- > Power supply: 3 3V lithium batteries, type CR123A
- > Bidirectional radio frequency: 2.4GHz
- > Battery duration: 4 years (typical value, may vary depending on specific use)
- > Supervision
- > Image processing in case of alarm:
 - 3 images with a resolution of 640 x 480 pixels or 6 images with a resolution of 320 x 240 pixels
- > Max. infrared range: 12 m
- > Installation: wall or corner mounted using the bracket supplied
- > Installation height: 2 m
- > Camera: VGA CMOS with 102° horizontal angle
- > Tamper-proof
- > Operating temperature: -10 °C to +45 °C
- > Dimensions (L x H x D): 70 x 105 x 40 mm
- > Weight: 200 g
- > Certification: EN50131 Grade 2 Class II



1051/108

INDOOR 1051 AND ZENO PRO WIRELESS PASSIVE INFRARED DETECTOR WITH BLIND EFFECT

The passive infrared blind-effect sensor, ideal for indoor applications, is designed to protect windows, skylights, corridors, balcony doors, and wall-to-wall windows. Its compact size and design allow its easy installation with reduced aesthetic impact.

- > Power supply: 1 CR-123A (3V lithium battery)
- > Battery duration: 3 years
- > IR range: max. 8 m with 110° angle
- > Radio communication mode: bidirectional
- > Operating frequencies: 868WF
- > Supervision
- > Aperture protection
- > LED feedback and test button
- > Microprocessor control with ADSP algorithm
- > Operating temperature: -10 °C to +45 °C
- > Weight: 300 g
- > Dimensions (W x H x D): 56 x 76 x 43 mm - 2.2 x 2.99 x 1.69 in



Zeno 1051 wireless system

DETECTORS

1051/105

OUTDOOR 1051 AND ZENO PRO WIRELESS INFRARED DUAL ELEMENT DETECTOR

The detector is a double element (PIR) movement wireless sensor for outdoor use that reduces the risks of false alarms caused by small animals, vehicles or other outdoor disturbances, making it easy and practical to use.

- > Power supply: 2 3.6 V AA lithium batteries
- > Battery duration: 3 years (typical value, may vary depending on specific use)
- > Range: 12 m with 90° view angle
- > Radio communication mode: bidirectional
- > Operating frequencies: 868WF
- > Supervision
- > Pet Immunity sensitivity programmable on four levels: low (75 cm/60 kg), medium (60 cm/40 kg), high (45 cm/30 kg) and higher (30 cm/20 kg)
- > Tamper-proof device
- > Operating temperature: -10 °C to +45 °C
- > Protection rating: IP66
- > Weight: 400 g
- > Dimensions (W x H x D): 68 x 148 x 50 mm - 2.67 x 5.82 x 1.96 in



1051/106

OUTDOOR 1051 AND ZENO PRO WIRELESS INFRARED DUAL ELEMENT DETECTOR WITH PET IMMUNITY FUNCTION AND CAMERA

The detector is a double element (PIR) movement sensor with built-in camera. When it detects a movement, it sends alarm signals and images to the control unit. The detector features configurable settings that can be adjusted based on the surrounding environment to prevent false alarms and provide excellent outdoor performance.

- > Power supply: 2 1.5V AA lithium batteries
- > Battery duration: 2 years (typical value, may vary depending on specific use)
- > Infrared range: max. 12 m with 90° angle
- > Three options to process the image in case of alarm: 3 images with resolution of 640 x 480 pixels
- > Pet Immunity sensitivity programmable on four levels: low (75 cm/60 kg), medium (60 cm/40 kg), high (45 cm/30 kg) and higher (30 cm/20 kg)
- > Supervision
- > Installation height: 2.3 m
- > Tamper-proof device
- > Camera: VGA CMOS with 102° horizontal angle
- > Camera illumination range: up to 6 m
- > Operating temperature: -10 °C to +45 °C
- > Protection rating: IP66
- > Weight: 800 g
- > Dimensions (W x H x D): 67.84 x 163 x 77 mm - 2.67 x 6.41 x 3 in



1051/107

WIRELESS 1051 DUAL TECHNOLOGY OUTDOOR BLIND-EFFECT DETECTOR

The detector is a wireless sensor designed to protect any access doors and windows by creating a real insurmountable barrier with a range of up to 8 m. The optional bracket and ball joint allow installing the detector optimising its operation angle and range. Thanks to this, the detector can work also if there are shutters and doors. The detector is the ideal solution for homes, offices and shops.

- > Lithium battery supplied with the product: mod. CR2 3 V
- > Battery duration: 2 years
- > Max. range: 8 m
- > Communication mode: bidirectional
- > Operating frequency: 868WF
- > Sensitivity adjustable to 2 levels
- > Automatic temperature compensation sensor
- > Operating temperature: -10 °C to +55 °C
- > Protection rating: IP51
- > Weight: 300 g
- > Dimensions (W x H x D): 42 x 110 x 62 mm



REFERENCES

DETECTORS

1033/018

90° BRACKET FOR DETECTOR 1033/016 AND 1051/107

Rigid bracket for assembly from both sides (LH or RH)

1033/019

JOINT FOR DETECTOR 1033/016 AND 1051/107

It allows corner and ceiling installation and the orientation adjustment option.

1051/109

WIRELESS 1051 DUAL TECHNOLOGY OUTDOOR DETECTOR

The detector is suitable for outdoor installation and is equipped with Anti-masking and Pet immunity function. It features a range of up to 12 m and IP54 protection rating. Installation at a height of 1 m is recommended.

- > Power supply: CR123A lithium battery supplied with product
- > Duration: 2 years (typical value, may vary depending on specific use)
- > Max. range: 10 m
- > Double IR and microwave MW 10,525GHz
- > Antimasking function
- > Pet Immunity function
- > Tamper alarm
- > Operating frequency: 868MHz
- > Communication mode: bidirectional
- > Supervision
- > Protection rating: IP54
- > Weight: 400 g
- > Dimensions (W x H x D): 80 x 185 x 85 mm



1051/004

IP-WI-FI 1051 AND ZENO PRO INDOOR CAMERA

The IP camera ensures accurate surveillance and constant monitoring of the rooms in which it is installed. It is integrated into the ZENO system and is managed via the MYZENO APP or the myzeno.urmet.com web portal.

- > Power supply: 5V 1A, 100-240Vac with adapter unit supplied
- > Infrared range: 8 m
- > 3.6 mm lens
- > Video resolution: 1920 x 1080p
- > Infrared illuminator for night vision
- > Minimum illumination: 0.1 lux
- > H.264 MJPEG video compression
- > Bidirectional audio, integrated microphone and loudspeaker
- > Brightness, Saturation, Contrast, Definition configuration, Date and time stamp on image
- > Motion Detection function
- > Ethernet 10/100 interface
- > Micro SD Slot (not included)
- > Weight: 205 g
- > Dimensions: Ø 81 x 70 x 103 mm



1051/204

INDOOR 1051 AND ZENO PRO WIRELESS MAGNETIC CONTACT WITH INERTIAL SENSOR

The detector is an indoor magnetic contact. In addition to the standard detection of a door or window opening, it is equipped with a piezoelectric shock or vibration detector. The device is able to generate alarms at the same time as the passage (door or window) is opened or in case of shocks or vibrations on the surface where it is applied.

- > Power supply: one 3V lithium battery, type CR123A
- > Battery duration: 5 years (typical value, may vary depending on specific use)
- > Bidirectional radio frequency: 868.6375 MHz
- > Acquisition button
- > Supervision
- > Operating temperature: -10 °C to +45 °C
- > Weight: 50 g
- > Dimensions (W x H x D): 85 x 30 x 20 mm



Zeno 1051 wireless system

DETECTORS

1051/201

INDOOR 1051 AND ZENO PRO WIRELESS MAGNETIC CONTACT, WHITE COLOUR

The magnetic contact is an indoor wireless sensor that allows the opening of any frame (door, window, etc.) to be detected.

- > Power supply: 1 3V lithium battery type CR2
- > Battery autonomy: 5 years (typical value, may vary according to use)
- > Radio communication mode: bidirectional
- > Working frequencies: 868WF
- > Acquisition button
- > Supervision
- > Opening protection
- > Color: white
- > Operating temperature: from -10 °C to +45 °C
- > Weight: 100 g
- > Dimensions (W x H x D): 85 x 25 x 20 mm - 3.34 x 0.98 x 0.78 in



1051/202

INDOOR 1051 AND ZENO PRO WIRELESS MAGNETIC CONTACT, BROWN COLOUR

Same features of ref. 1051/201 but in brown.

1051/203

INDOOR 1051 AND ZENO PRO WIRELESS MULTIFUNCTION CONTACT FOR ROLLERS

The magnetic contact is a wireless multifunction indoor sensor that, in addition to detecting the opening of a door or window, is also equipped with two additional wired inputs that can be used to connect the NC (Normally Closed) contact of a wired device or opening detector, a roller or a shutter (we recommend using 1033/207 wire contacts).

- > Power supply: 1 3V lithium battery, type CR2
- > Battery duration: 5 years (typical value, may vary depending on specific use)
- > Radio communication mode: bidirectional
- > Operating frequencies: 868WF
- > Acquisition button
- > Supervision
- > Aperture protection
- > Input mode selection: via jumper
- > Operating temperature: -10 °C to +45 °C
- > Weight: 100 g
- > Dimensions (W x H x D): 107 x 32 x 22 mm - 4.21 x 1.25 x 0.86 in



SOUNDERS

1051/405

OUTDOOR WIRELESS 1051 AND ZENO PRO SELF-POWERED SOUNDER WITH FLASHER

The outdoor sounder allows an alarm event triggered on the intrusion alarm system to be accompanied by an audible and visual alarm. It also allows status signals (system active or inactive) to be provided.

- > Power supply: 4 1.5V alkaline batteries, type D
- > Battery duration: 5 years (typical value, may vary depending on specific use)
- > Output sound level: 110dB at 1 metre
- > Programming dip-switches
- > Programmable sound cycle time: 3, 5 or 10 minutes, 1 second (test use)
- > Programmable sound output volume: low, medium and high
- > Alarm memory feedback
- > System status indications
- > Supervision
- > Aperture protection
- > Operating temperature: -10 °C to +45 °C
- > Protection rating: IP56
- > Weight: 1,320 g
- > Dimensions (W x H x D): 202 x 287 x 67 mm



1051 application diagram



WIRED INTRUSION ALARMS

WIRELESS INTRUSION ALARMS

VIDEO SURVEILLANCE

SECURITY KITS

SALES NETWORK



Video surveillance

A wide range for all types of systems

AHD range

AHD means **analogue high definition** and identifies a technology based on **high definition video transmission through coaxial cable**.

The Urmet AHD range is **suitable for all applications**; you can use a single software platform and a single app for management and supervision; the range also includes hybrid DVRs to simultaneously manage analogue videos and AHD streams across the network.



The **Urmet range** is wide and includes cameras with manual and motorised lens and HVR. The P2P and DDNS functions make configuration easy for the installer. AHD technology is **suitable for small to medium sized systems** and is ideal for revamping old systems. HVRs always include one 1TB hard disk and are also compatible with all Urmet IP cameras.



IP range

A **wide range** of products that can be **constantly updated and integrated** as the needs of the system change. A wide choice of devices **ideal for the creation of systems with a medium or high level of complexity (residential or commercial)**: cameras with 1080P resolution and double codec H.264 / H.265 of 5M pixels and NVR with 4K resolution and 2 TB hard disk included. All video management solutions allow **both local and remote management**, with interchange between different systems. Installation is quick and easy: the entire system

is wired using a UTP cable, and the existing network infrastructure can be used.

IP technology has the great advantage of providing **superior image quality, ideal for any residential installation and also for sensitive or high-risk areas**. An IP system offers the great advantage of being scalable and expandable in size and devices at any time. If you have new security needs, you can add new cameras and new recording and storage devices. The system **does not require additional cables** but can be connected to the nearest network node.



V-Dect 2nd generation: smart video analysis of IP 5M and 8M PRIME range

Features

Video analytics

Technology that allows a smart analysis of the images taken that highlight inconsistencies or unusual behaviours compared to the usual situation detected.

- **FACE DETECTION**
Detects the face of a person.
- **FACE RECOGNITION**
Recognises the faces by associating them to white and black lists.
- **V-DECT PERIMETER**
Creates virtual safety lines for safe objects and spaces.
- **REMOVED/ABANDONED OBJECT**
Creates a virtual perimeter to check whether an object is removed or added.
- **CROSS COUNTING**
Checks the traffic, keeping means and people into account.
- **CROWD DENSITY DETECTION**
It detects excessive crowd in a given area.
- **ATTRIBUTE DETECTION**
It detects the presence/absence of a mask on the face.
- **LICENSE PLATE DETECTION**
This feature allows detecting the license plate of unknown vehicles or vehicles entered into the database. A Backup of the vehicle license plate information can also be performed.
- **RSD RARE SOUND DETECTION**
This feature allows the camera to detect specific background noises: barking dog, crying baby and/or shooting gun (microphone required).
- **QUEUE LENGTH DETECTION**
It detects the presence of a queue.
- **V-DECT LINE CROSSING**
Defines a safety line not to be crossed, by creating and sending a local or remote alert.
- **SOUND DETECTION**
Analyses suspicious noises and unusual sounds.
- **OCCCLUSION DETECTION**
Sends an alarm from the camera if the lens is occluded.
- **HUMAN&VEICHL E CLASSIFICATION**
It detects humans and/or vehicles within the scene.
- **FACE ATTENDANCE**
It detects faces at a specific time slot.
- **ATTRIBUTE**
It allows receiving a notification (email, FTP, cloud image, rec.) concerning the use of the face mask.
- **HEAT MAP**
A colour scale highlights the areas where there are greater concentrations of people.



A single software for all products

UVS pro (Urmet Video Smart) is specifically designed for management and centralised video monitoring of medium/large-sized CCTV systems. UVS pro is a client software used to **manage/monitor the whole system** either

in direct display mode (up to 128 video streams on just one multiscreen grid coming from various systems) or by means of interactive graphic maps; UVS pro stands out for functional system capacity, scalability and user-friendliness.

How does Urmet UVS pro work?

- **Connection:** through the LAN integrated port, the DVRs or NVRs connect to the Internet.
- **Setup:** on the Urmet UVS pro software, it is possible to set up the connection to the device through a simple guided procedure.
- **Acquisition:** the cameras connected to the DVR/NVR are automatically imported in Urmet UVS pro.
- **Visualisation:** through the UVS pro client it is possible to connect to the remote devices.

Why should you choose Urmet UVS pro?

- Each UVS Client controls several devices
- It centralises remote systems
- It is easily integrated with different systems
- It works with all Urmet DVRs/NVRs
- It is included in all Urmet devices
- It is easy to configure/use
- **It supports all the connecting modes to devices:** ID P2P, ID Urmet DDNS, local and public IP address, URL DDNS.



Let us imagine a company with a head office, a logistic centre and several sales points. Buildings acquired and equipped in different periods: the head office has an analogue system; a sales point has an IP system, another sales point has an AHD 1080p system and the recently-refurbished warehouse has an HD-SDI infrastructure; another sales point has an IP Smart Wi-Fi HD solution. With Urmet UVS pro, the security manager can centralise the displaying of all these systems.



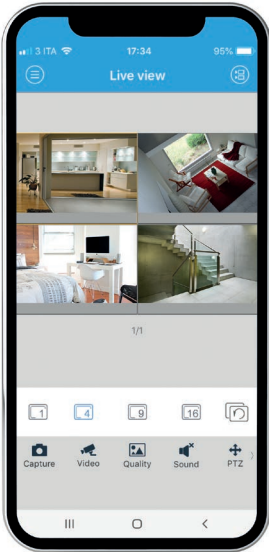
THE PLUS OF UVS PRO

- Zero upgrade costs
- Complete technological retrofit
- Simple installation
- Easy integration
- Included in all Urmet systems

Video surveillance Apps

Easy, quick, useful

A suite of apps dedicated to the end customer to get the maximum performance from video surveillance systems.



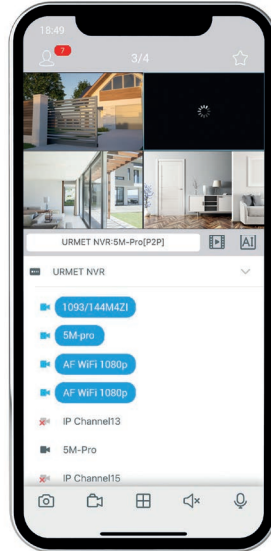
V-Stream

Smart camera management

Compatible with Urmet Wi-Fi smart cameras.

Main functions:

- > Audio/video Multichannel Live Stream
- > Remote Search and Playback of SD recordings
- > Event push notifications
- > Complete control of camera programming parameters
- > Video displaying in portrait and landscape mode
- > Manual capture of images and videos saved in the App local memory

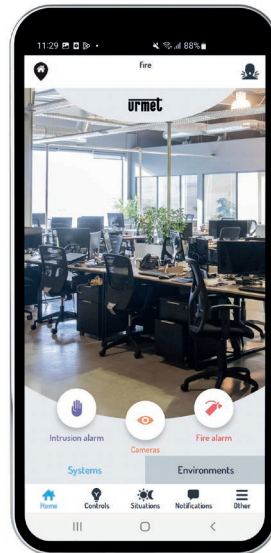


iUVS pro

Professional management

Main functions:

- Compatible with Urmet Prime - Pro - Eco series NVR/HVR and Ip cameras
- > Audio/video Multi-channel Live Stream
- > Multi-channel remote Playback
- > Local playback
- > Portrait and landscape mode
- > PTZ
- > Capture Image and Video
- > Multi-device support
- > Alarm event push notifications
- > Remote NVR/HVR and IP cameras configuration
- > Video analysis
- > Face recognition



Urmet Secure

Video surveillance and intrusion alarm integrated management

The application allows:

- > acquiring theft-alarm control unit and video surveillance devices automatically or via QRcode
- > associating video surveillance devices with alarm system zones
- > video recording cameras in continuous or event mode
- > connecting live with cameras and viewing the playback of video recordings
- > defining camera image quality
- > activating, deactivating and splitting the system
- > disabling and restoring the zones
- > displaying images after an alarm event has taken place
- > displaying information about the following statuses:
 - alarm, zone (open/closed/disabled),
 - tampering, failure, anomaly,
 - activation/deactivation.
- > managing event push notifications: video notification of an event with alarmed live camera pop-up
- > requesting the activation/deactivation of the alarm control unit system by means of geolocation

IP Solutions

Simplified wiring and high performance

The Urmet IP range is professional and complete and consists of cameras, with manual and motorised lens, with **resolution up to 4K dual codec H.264/H.265** and NVR with 4K resolution and 2TB HD included.

IP-based video surveillance systems provide wider performance than analogue systems. Digital solutions allow the visualisation and recording of images through a network based on IP protocol, such as the Internet, or a common corporate LAN. IP cameras can connect to the Internet and be managed remotely with PCs, smartphones and tablets.

The IP technology is suitable for interventions of reconditioning of old plants, while keeping the transmission infrastructure (COAX) unchanged with the use of EOC solutions. Over other technologies, an IP system offers the great advantage of being scalable and expanded in size and devices at any time. If **new security needs** arise, you can add new cameras and new recording and storage equipment and **the system can be extended without adding more cables** but only by connecting to the nearest network node.



**Prime series
8M cameras**



**FULL COLOR series
5M cameras**



**PRO series
5M cameras**



**PLUS AI series
5M cameras**



**Deterrence series
5M cameras**



**ECO series
5M cameras**



**Fish-eye
cameras**



**Thermal
cameras**



PTZ units



**4M
cameras**



**2M
cameras**



**Wi-Fi
cameras**



NVR

IP Solutions

PRIME SERIES 8M CAMERAS - STARLIGHT



> Item no.	1099/610	1099/611	1099/710	1099/711
> Resolution	8MP (4K) -3840(H)x2160(V)			
> Recording Fps	50Hz: 25fps@8MP, 5MP, 4MP, 3MP, 2MP, 720P, VGA, QVGA 60Hz: 30fps@8MP, 5MP, 4MP, 3MP, 2MP, 720P, VGA, QVGA			
> Lens	Fixed 2.8 mm	Motorised 2.7 ~ 13.5mm	Fixed 2.8 mm	Motorised 2.7 ~ 13.5mm
> Field of vision	Horizontal: 107° Vertical: 57° Diagonal: 128°	Horizontal: 33 ~111° Vertical: 18 ~ 57° Diagonal: 37 ~ 134°	Horizontal: 107° Vertical: 57° Diagonal: 128°	Horizontal: 33 ~111° Vertical: 18 ~ 57° Diagonal: 37 ~ 134°
> Pan/tilt adjustment	3 axes			
> Sensor	1/2.8"			
> Video Compression	H.264/H.265/H.264+/H.265+ Triple Stream (Main, Sub, Mobile)			
> IR Lighting distance (m)	~ 30m	~ 45m	~ 30m	~ 30m
> Sensitivity (lux)	Colour 0.1 lux @ F1.2(AGC ON); B/W 0 lux @ IR ON			
> Video Functions	Smart IR, FTP Image upload to FTP Server/ Cloud Dropbox (on alarm event)			
> WDR	WDR 120 dB			
> Day & Night	Mechanical filter with auto switch			
> Audio in /out	Integrated microphone	1 RCA input / 1 RCA output	Integrated microphone	1 RCA input / 1 RCA output
> Alarm in /out	-	1 input / 1 output	-	1 input / 1 output
> Video Analysis	Stationary Object Detection (SOD), Face Detection (FD), Sound Detection, Face recognition (FR), Human & Vehicle detection (PD&VD), Perimeter Intrusion Detection (PID), Line crossing Detection (LCD), Cross Counting (CC), Heat Map, Attribute Detection, Face attendance			
> SD card slot	Micro SD slot, max. 256 GB			
> Power supply	12 VDC ± 10%, PoE (IEEE802.3af)			
> Max absorption (W)	3.12W(D) /5.16W(N)	3.72W(D) / 6.72W(N)	3.12W(D) /5.28W(N)	3.12W(D) / 4.56W(N)
> IP-IK protection class	IP67			IP67 - IK10
> ONVIF	ONVIF (Profile S/G/T, 18.12)			
> Operating conditions	-30 °C ~ 55 °C (-22 °F ~ 140 °F) humidity 95% or lower (non-condensing)			
> Dimensions (W x H x D or Ø x H)	150 x 71 x 71 mm	239.5 x 89 x 86.5 mm	100 x 95 mm	147 x 110 mm

REFERENCES

FULL COLOR SERIES 5M CAMERAS



> Item no.	1099/402	1099/403	1099/463	1099/464
> Resolution	5MP 2880(H)x1620(V)			
> Recording Fps	50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA 60Hz: 30fps@5MP/4MP/3MP/2MP/720P/VGA/QVGA			
> Lens	Fixed 3.6 mm	Motorised 2.8 ~ 12 mm	Fixed 3.6 mm	Motorised 2.8 ~ 12 mm
> Field of vision	Horizontal: 88.3° Vertical: 47.8° Diagonal: 104.7°	Horizontal: 112.6 ~ 35.4° Vertical: 58.5 ~ 20° Diagonal: 138 ~ 40.7°	Horizontal: 88.3° Vertical: 47.8° Diagonal: 104.7°	Horizontal: 112.6 ~ 35.4° Vertical: 58.5 ~ 20° Diagonal: 138 ~ 40.7°
> Pan/tilt adjustment	3 axes			
> Sensor	1/2.7"			
> Video Compression	H.265+ / H.264+ / H.265 / H.264/ MJPG (SubStream only)			
> IR Lighting distance (m)	~ 30m	~ 35m	~ 30m	~ 30m
> Visible LED lighting distance (m)	~ 25m	~ 30m	~ 25m	~ 25m
> Sensitivity (lux)	Color 0.0005lux @ F1.0 (AGC ON); B/W 0 lux @ IR ON	Color 0.002lux @ F1.2(AGC ON); B/W 0 lux @ IR ON	Color 0.0005lux @ F1.0 (AGC ON); B/W 0 lux @ IR ON	Color 0.002lux @ F1.2(AGC ON); B/W 0 lux @ IR ON
> Video Functions	Smart IR, FTP Image upload to FTP Server/ Cloud Dropbox (on alarm event)			
> WDR	WDR 120 dB			
> Day & Night	Mechanical filter with auto switch			
> Audio in /out	Integrated microphone	1 RCA input / 1 RCA output	Integrated microphone	1 RCA input / 1 RCA output
> Alarm in /out	-	1 input / 1 output		1 input / 1 output
> Video Analysis	Stationary Object Detection (SOD), Face Detection (FD), Sound Detection, Face recognition (FR), Human & Vehicle detection (PD&VD), Perimeter Intrusion Detection (PID), Line crossing Detection (LCD), Cross Counting (CC), Crowd density detection (CD), Queue Length Detection (QD), License plate detection (LPD), Rare sound detection (RSD), Heat Map, Attribute Detection, Face attendance			
> SD card slot	Micro SD slot, max. 256 GB			
> Power supply	12 VDC ± 10%, PoE (IEEE802.3af)			
> Max absorption (W)	2.9W(Day mode) / 5.23W(Night mode) / 5.14W(Warm light)	3.0W(Day mode) / 8.0W(Night mode) / 7.68W(Warm light)	2.7W(Day mode) / 5.2W(Night mode) / 5.0W(Warm light)	3.0W(Day mode) / 5.5W(Night mode) / 8.06W(Warm light)
> IP-IK protection class	IP67			
> ONVIF	ONVIF (Profile S/G/T)			
> Operating conditions	-30 °C ~ 60 °C humidity 95% or lower (non-condensing)			
> Dimensions (W x H x D or Ø x H)	Ø 75 x 153 mm	239.5 x 90 x 95 mm	Ø100 x 95 mm	Ø136 x 120 mm

IP Solutions

PRO SERIES 5M CAMERAS - STARLIGHT



> Item no.	1099/400A	1099/401A	1099/460A	1099/461A	1099/462A
> Resolution	5MP - 2592(H)x1944(V)				
> Recording Fps	50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA 60Hz: 30fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA				
> Lens	Fixed 2.8 mm	Motorised 2.7 ~ 13.5 mm	Fixed 2.8 mm	Motorised 2.7 ~ 13.5 mm	Motorised 2.7 ~ 13.5 mm
> Field of vision	Horizontal: 99° Vertical: 72° Diagonal: 131°	Horizontal: 31 ~ 101° Vertical: 23 ~ 71° Diagonal: 38 ~ 138°	Horizontal: 99° Vertical: 72° Diagonal: 131°	Horizontal: 31 ~ 101° Vertical: 23 ~ 71° Diagonal: 38 ~ 138°	Horizontal: 31 ~ 101° Vertical: 23 ~ 71° Diagonal: 38 ~ 138°
> Pan/tilt adjustment	3 axes				
> Sensor	1/2.7"				
> Video Compression	H.264/H.265/H.264+/H.265+ Triple Stream (Main, Sub, Mobile)				
> IR Lighting distance (m)	~ 30m	~ 45m	~ 30m	~ 45m	~ 30m
> Sensitivity (lux)	Colour 0.05lux @ F1.2(AGC ON); B/W 0 lux @ IR ON				
> Video Functions	Smart IR, FTP Image upload to FTP Server/ Cloud Dropbox (on alarm event), P2P				
> WDR	WDR 120 dB				
> Day & Night	Mechanical filter with auto switch				
> Audio in /out	Integrated microphone	1 RCA input / 1 RCA output	Integrated microphone	1 RCA input / 1 RCA output	1 RCA input / 1 RCA output
> Alarm in /out	-	1 input / 1 output	-	1 input / 1 output	1 input / 1 output
> Video Analysis	Stationary Object Detection (SOD), Face Detection (FD), Sound Detection, Face recognition (FR), Human & Vehicle detection (PD&VD), Perimeter Intrusion Detection (PID), Line crossing Detection (LCD), Cross Counting (CC), Heat Map, Attribute Detection, Face attendance				
> SD card slot	Micro SD slot, max. 256 GB				
> Power supply	12 VDC ± 10%, PoE (IEEE802.3af)				
> Max absorption (W)	2.64W(D) /4.8W(N)	2.88W(D) /5.88W(N)	2.64W(D) / 4.8W(N)	2.88W(D) /5.88W(N)	2.64W(D) / 4.08W(N)
> IP-IK protection class	IP66				IP66 - IK10
> ONVIF	ONVIF (Profile S/G/T)				
> Operating conditions	-30 °C ~ 55 °C (-22 °F ~ 140 °F) humidity 95% or lower (non-condensing)				
> Dimensions (W x H x D or Ø x H)	150 x 70 x 70 mm	239.5 x 89 x 86.5 mm	100 x 95 mm	136 x 140 mm	147 x 110 mm

REFERENCES

PLUS AI SERIES 5M CAMERAS



> Item no.	1099/500B	1099/501B	1099/502B
> Resolution	5MP 2880(H)x1620(V)		
> Recording Fps	50Hz: 25fps@5MP/4MP/3MP/2MP/720P/VGA/QVGA 60Hz: 30fps@5MP/4MP/3MP/2MP/720P/VGA/QVGA		
> Lens	Fixed 2.8 mm	Motorised 2.8 ~ 12 mm	Motorised 5 ~ 50 mm
> Field of vision	Horizontal: 91° Vertical: 46° Diagonal: 110°	Horizontal: 107 ~ 34° Vertical: 55 ~ 19° Diagonal: 134 ~ 38°	Horizontal: 45.32°~ 7° Vertical: 33.48° ~ 5.2° Diagonal: 57.94° ~ 9°
> Pan/tilt adjustment	3 axes		
> Sensor	1/2.7"		
> Video Compression	H.265+ / H.264+ / H.265 / H.264/ MJPG (SubStream only)		
> IR Lighting distance (m)	~ 30m	~ 45m	~ 80m
> Sensitivity (lux)	Colour 0.004lux @ F1.6 (AGC ON); B/W 0 lux @ IR ON		Colour 0.002lux @ F1.2(AGC ON); B/W 0 lux @ IR ON
> Video Functions	Smart IR, FTP Image upload to FTP Server/ Cloud Dropbox (on alarm event), P2P		
> WDR	WDR 120 dB		
> Day & Night	Mechanical filter with auto switch		
> Audio in /out	Integrated microphone	1 RCA input / 1 RCA output	
> Alarm in /out	-	1 input / 1 output	
> Video Analysis	Stationary Object Detection (SOD), Face Detection (FD), Sound Detection, Face recognition (FR), Human & Vehicle detection (PD&VD), Perimeter Intrusion Detection (PID), Line crossing Detection (LCD), Cross Counting (CC), Heat Map, Crowd Density Detection (CD), Queue Length Detection (QD), License plate detection (LPD), Rare sound detection (RSD)		
> SD card slot	Micro SD slot, max. 256 GB		
> Power supply	12 VDC ± 10%, PoE (IEEE802.3af)		
> Max absorption (W)	3W(D) / 5.5W(N)	4W(D) / 9W(N)	7.5W(D) / 10.5W(N)
> IP-IK protection class	IP67		
> ONVIF	ONVIF (Profile S/G/T)		
> Operating conditions	-35 °C ~ 60 °C humidity 95% or lower (non-condensing)		
> Dimensions (W x H x D or Ø x H)	150.8 x 70.9 x 70.9 mm	247 x 87.4 x 83.9 mm	301 x 108 x 108 mm

IP Solutions

PLUS AI SERIES 5M CAMERAS



> Item no.	1099/550B	1099/551B	1099/552B
> Resolution	5MP 2880(H)x1620(V)		
> Recording Fps	50Hz: 25fps@5MP/4MP/3MP/2MP/720P/VGA/QVGA 60Hz: 30fps@5MP/4MP/3MP/2MP/720P/VGA/QVGA		
> Lens	Fixed 2.8 mm	Motorised 2.8 ~ 12 mm	
> Field of vision	Horizontal: 91° Vertical: 46° Diagonal: 110°	Horizontal: 107 ~ 34° Vertical: 55 ~ 19° Diagonal: 134 ~ 38°	
> Pan/tilt adjustment	3 axes		
> Sensor	1/2.7"		
> Video Compression	H.265+ / H.264+ / H.265 / H.264/ MJPG (SubStream only)		
> IR Lighting distance (m)	~ 30m	~ 45m	~ 30m
> Sensitivity (lux)	Colour 0.004lux @ F1.6 (AGC ON); B/W 0 lux @ IR ON		
> Video Functions	Smart IR, FTP Image upload to FTP Server/ Cloud Dropbox (on alarm event), P2P		
> WDR	120 dB		
> Day & Night	Mechanical filter with auto switch		
> Audio in /out	Integrated microphone	1 RCA input / 1 RCA output	
> Alarm in /out	-	1 input / 1 output	
> Video Analysis	Stationary Object Detection (SOD), Face Detection (FD), Sound Detection, Face recognition (FR), Human & Vehicle detection (PD&VD), Perimeter Intrusion Detection (PID), Line crossing Detection (LCD), Cross Counting (CC), Heat Map, Crowd Density Detection (CD), Queue Length Detection (QD), License plate detection (LPD), Rare sound detection (RSD)		
> SD card slot	Micro SD slot, max. 256 GB		
> Power supply	12 VDC ± 10%, PoE (IEEE802.3af)		
> Max absorption (W)	3W(D) / 5.5W(N)	4W(D) / 9W(N)	4W(D) / 7W(N)
> IP-IK protection class	IP67		IP 67 -IK10
> ONVIF	ONVIF (Profile S/G/T)		
> Operating conditions	-35 °C ~ 60 °C humidity 95% or lower (non-condensing)		
> Dimensions (W x H x D or Ø x H)	Ø100 x 90	Ø135 x 120 mm	Ø150 x 109 mm

REFERENCES

DETERRENCE SERIES 5M CAMERAS



> Item no.	1099/511	1099/512	1099/541	1099/542
> Resolution	5MP 2880(H)x1620(V)			
> Recording Fps	50Hz: 25fps@5MP/4MP/3MP/2MP/960P/720P/VGA/QVGA 60Hz: 30fps@5MP/4MP/3MP/2MP/720P/VGA/QVGA			
> Lens	Fixed 2.8 mm	Motorised 2.8 ~ 12 mm	Fixed 2.8 mm	Motorised 2.8 ~ 12 mm
> Field of vision	Horizontal: 110° Vertical: 58° Diagonal: 132°	Horizontal: 35 ~113° Vertical: 20 ~ 59° Diagonal: 41 ~ 138°	Horizontal: 110° Vertical: 58° Diagonal: 132°	Horizontal: 35 ~113° Vertical: 20 ~ 59° Diagonal: 41 ~ 138°
> Pan/tilt adjustment	3 axes			
> Sensor	1/2.7"			
> Video Compression	H.265+ / H.264+ / H.265 / H.264/ MJPG (SubStream only)			
> IR Lighting distance (m)	~ 25m	~ 30m	~ 25m	~ 25m
> Visible LED lighting distance (m)	~ 20m	~ 25m	~ 20m	~ 20m
> Sensitivity (lux)	Colour 0.002lux @F1.2(AGC ON); B/W 0 lux @ IR ON			
> Video Functions	Smart IR, FTP Image upload to FTP Server/ Cloud Dropbox (on alarm event), P2P			
> WDR	120 dB			
> Day & Night	Mechanical filter with auto switch			
> Audio in /out	Integrated microphone and speaker			
> Alarm in /out	-			
> Video Analysis	Analisi video VDECT con Face Detection (FD), Human&Vehicle Detection (PD&VD), Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Cross Counting (CC), Stationary Object Detection (SOD), Heat Map (HM), Crowd Density Detection (CD), Queue Length Detection (QD), License Plate Detection (LPD), Rare Sound Detection (RSD)			
> SD card slot	Micro SD slot, max. 256 GB			
> Power supply	12 VDC ± 10%, PoE (IEEE802.3af)			
> Max absorption (W)	2.2W(D) / 3W(N) / 7.4W (Max)	2.3W(D) / 7.8W(N) / 11.3W (Max)	2.4W(D) / 3.7W(N) / 6.4W (Max)	2.9W (D) / 5.4W (N) / 7.5W (Max)
> IP-IK protection class	IP67			
> ONVIF	ONVIF (Profile S/G/T)			
> Operating conditions	-35 °C ~ 60 °C humidity 95% or lower (non-condensing)			
> Dimensions (W x H x D or Ø x H)	152 x 70 x 70 mm	241 x 90 x 86 mm	Ø100 x 90 mm	Ø135 x 120 mm

IP Solutions

ECO SERIES 5M CAMERAS - STARLIGHT



> Item no.	1099/500A*	1099/501A*	1099/502A	1099/208A
> Resolution	5MP 2592(H)x1944(V)			
> Recording Fps	Mainstream (1-20fps): 5MP(2592x1944), Mainstream (1-25fps): 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280x960). Substream (1-25fps): 720P(1280x720), VGA(640x480). Mobile Stream (1-25fps): VGA(640x480), QVGA(320x240)			
> Lens	Fixed 2.8 mm	Motorised 2.7-13.5 mm	Motorised 5-50 mm	Fixed 2.8 mm
> Field of vision	Horizontal: 99° Vertical: 72° Diagonal: 131°	Horizontal: 101 ~ 31° Vertical: 71 ~ 23° Diagonal: 138 ~ 38°	Horizontal: 45.32-7° Vertical: 33.48-5.2° Diagonal: 57.94-9°	Horizontal: 99° Vertical: 72° Diagonal: 131°
> Pan/tilt adjustment	3 axes			
> Sensor	1/2.7" Progressive CMOS			
> Video Compression	H.265+ / H.264+ / H.265 / H.264/ MJPG (SubStream only)			
> No. of IR LEDs / Lighting distance (m)	2 pcs (Array) / up to 30 m	4 pcs (Array) / up to 45 m	8 pcs (Array) / up to 80 m	2 pcs (Array) / up to 30 m + 4 pcs up to 10 m
> Sensitivity (lux)	Colour 0.05lux @ F1.2(AGC ON); B/W 0 lux @ IR ON			
> Video Functions	Smart IR, FTP Image upload to FTP Server/ Cloud Dropbox (on alarm event), P2P			
> WDR	D-WDR			
> Day & Night	Mechanical filter with auto switch			
> Audio in /out	Integrated microphone	1 input / 1 output	1 input / 1 output	Built-in microphone and speaker
> Alarm in /out	-	1 input / 1 output	1 input / 1 output	-
> SD card slot	YES, max 256 GB			
> Video Analysis	-	-	-	-
> Power supply	12 VDC ± 10%, PoE (802.3af)			
> Max absorption (W)	2.1 W(D) / 5.3(N)	2.3W(D) / 6.3W(N)	2.3W(D) / 9.5W(N)	2.1W(D) / 5.3W(N)
> IP-IK protection class	IP66			
> ONVIF	ONVIF (Profile S/G/T)			
> Operating conditions	-30 ~ +60 °C/ less than ≤ 95% RH			
> Dimensions (W x H x D or Ø x H)	70 x 150 mm	89 x 86.5 x 239.5 mm	90 x 95 x 300 mm	70 x 151 mm

*Please contact our sales network to verify product availability.

REFERENCES

ECO SERIES 5M CAMERAS - STARLIGHT



> Item no.	1099/550A*	1099/551A*
> Resolution	5MP 2592(H)x1944(V)	
> Recording Fps	Mainstream (1-20fps): 5MP(2592x1944), Mainstream (1-25fps): 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280x960) Substream (1-25fps): 720P(1280x720), VGA(640x480) Mobile Stream (1-25fps): VGA(640x480), QVGA(320x240)	
> Lens	Fixed 2.8 mm	Motorised 2.7 - 13.5 mm
> Field of vision	Horizontal: 99° Vertical: 72° Diagonal: 131°	Horizontal: 101 ~ 31° Vertical: 71 ~ 23° Diagonal: 138 ~ 38°
> Pan/tilt adjustment	3 axes	
> Sensor	1/2.7" Progressive CMOS	
> Video Compression	H.265+ / H.264+ / H.265 / H.264/ MJPG (SubStream only)	
> No. of IR LEDs / Lighting distance (m)	2 pcs (SMD) / up to 30 m	4 pcs (SMD) / up to 45 m
> Sensitivity (lux)	Colour 0.05lux @ F1.2(AGC ON); B/W 0 lux @ IR ON	
> Video Functions	Smart IR, FTP Image upload to FTP Server/ Cloud Dropbox (on alarm event), P2P	
> WDR	D-WDR	
> Day & Night	Mechanical filter with auto switch	
> Audio in /out	Integrated microphone	1 input / 1 output
> Alarm in /out	-	1 input / 1 output
> SD card slot	YES, max 256 GB	
> Video Analysis	-	
> Power supply	12 VDC ± 10%, PoE (802.3af)	
> Max absorption (W)	2.1W(D) / 5.3W(N)	2.3W(D) / 6.5W(N)
> IP-IK protection class	IP66	
> ONVIF	ONVIF (Profile S/G/T)	
> Operating conditions	-30 ~ +60 °C/ less than ≤ 95% RH	
> Dimensions (W x H x D or Ø x H)	100 x 95 mm	136 x 140 mm

*Please contact our sales network to verify product availability.

IP Solutions

ECO SERIES 5M CAMERAS - STARLIGHT



> Item no.	1099/552A*	1099/553
> Resolution	5MP 2592(H)x1944(V)	
> Recording Fps	Mainstream (1-20fps): 5MP(2592x1944) Mainstream (1-25fps): 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280x960) Substream (1-25fps): 720P(1280x720), VGA(640x480) Mobile Stream (1-25fps): VGA(640x480), QVGA(320x240)	
> Lens	Motorised 2.7 - 13.5 mm	Fixed 2.8 mm
> Field of vision	Horizontal: 101 ~ 31° Vertical: 71 ~ 23° Diagonal: 138 ~ 38°	Horizontal: 92° Vertical: 71 ~ 23° Diagonal: 138 ~ 38°
> Pan/tilt adjustment	3 axes	
> Sensor	1/2.7" Progressive CMOS	
> Video Compression	H.265+ / H.264+ / H.265 / H.264/ MJPG (SubStream only)	H.265 / H.264
> No. of IR LEDs / Lighting distance (m)	2pcs (ARRAY) / up to 30m	12pcs (DIP) / up to 10 m
> Sensitivity (lux)	Colour 0.05lux @ F1.2(AGC ON); B/W 0 lux @ IR ON	
> Video Functions	Smart IR, FTP Image upload to FTP Server/ Cloud Dropbox (on alarm event), P2P	
> WDR	D-WDR	
> Day & Night	Mechanical filter with auto switch	
> Audio in /out	1 input / 1 output	-
> Alarm in /out	1 input / 1 output	-
> SD card slot	YES, max 256 GB	YES, max 128 GB
> Video Analysis	-	
> Power supply	12 VDC ± 10%, PoE (802.3af)	
> Max absorption (W)	2.2W(D) / 4.3W(N)	≤ 5W
> IP-IK protection class	IP66	
> ONVIF	ONVIF (Profile S/G/T)	
> Operating conditions	-30 ~ +60 °C/ less than ≤ 95% RH	
> Dimensions (W x H x D or Ø x H)	Ø147 x 115 mm	Ø120 x 64 mm

*Please contact our sales network to verify product availability.

REFERENCES

FISH-EYE CAMERAS



> Item no.	1099/680
> Resolution	12MP 4000(H)x3000(V)
> Recording Fps	50Hz: 25fps@4000x3000, 3000x3000, 2560x2560, 2160x2160, 1520x1520, 1280x960, 1080x1080, 720x720, 640x480, 480x480 60Hz: 30fps@4000x3000, 3000x3000, 2560x2560, 2160x2160, 1520x1520, 1280x960, 1080x1080, 720x720, 640x480, 480x480
> Lens	1.6 mm
> Field of vision	360°
> Pan/tilt adjustment	-
> Sensor	1/2.3"
> Video Compression	H.265+ / H.264+ / H.265 / H.264
> No. of IR LEDs / Lighting distance (m)	~ 5m
> Sensitivity (lux)	Colour 0.01lux @ F1.6(AGC ON), B/W 0 lux @ IR ON
> Video Functions	Smart IR, FTP Image upload to FTP Server/ Cloud Dropbox (on alarm event), P2P
> WDR	D-WDR
> Day & Night	Mechanical filter with auto switch
> Audio in /out	Integrated microphone
> Alarm in /out	1 input / 1 output
> SD card slot	Micro SD slot, max. 256 GB
> Video Analysis	-
> Power supply	12 VDC ± 10%, PoE (IEEE802.3af)
> Max absorption (W)	4.8W(D) / 7.1W(N)
> IP-IK protection class	IP67
> ONVIF	ONVIF (Profile S/G/T)
> Operating conditions	-35 °C ~ 60 °C humidity 95% or lower (non-condensing)
> Dimensions (W x H x D or Ø x H)	Ø120 x 55 mm

IP Solutions

FISH-EYE CAMERAS



> Item no.	1099/681	1099/682
> Resolution	8MP 3840(H)x2160(V)	5120(H)x1440(V)
> Recording Fps	Mainstream: (1-20fps) (3840x2160, 3072x1728, 2592x1520, 2304x1296, 1920x1080, 1280x960, 1280x720) Substream: (1-20fps) (1280x720, 640x480) Mobile Stream (1-20fps) (640x480)	Mainstream: 25 fps 5120x1440; 4608x1296; 4096x1152;3840x1080;3072x864 60 fps (2560x1440,2304x1296, 1920 x 1080, 1280 x 720) Substream: 50 fps (1280x720,640 x 480, 320x240) 60 fps (1280x720,640 x 480, 320x240) Mobile Stream: 50 fps (640x480, 320x240) 60 fps (640x480, 320x240)
> Lens	Fixed 2.8 mm	
> Field of vision	Horizontal: 180° Vertical: 91° Diagonal: 180°	Horizontal: 180° Vertical: 91° Diagonal: 180°
> Sensor	1/2.8" CMOS	2 x 1/2.7" CMOS
> Video Compression	H.265/H.264	H.265+/H.265/H.264+/H.264
> Lighting distance (m)	Up to 25 m	40 m
> Auxiliary lights	Active Deterrence function with blue and red LEDs	
> Sensitivity (lux)	Colour: 0.007lux @ F1.0(AGC ON) ; B/W 0 lux @ IR ON	Colour: 0.001 Lux @ (F1.6, AGC ON), B/W: 0 Lux with IR
> Video Functions	BLC/3D DNR/HLC	
> WDR	120 dB	D-WDR
> Day & Night	Dual IR Cut Filter	
> Audio in /out	Integrated microphone and speaker	
> Alarm in /out	-	
> Video Analysis	VDECT video analysis with Face Detection (FD), Human&Vehicle Detection (PD&VD), Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Cross Counting (CC), Stationary Object Detection (SOD), Heat Map (HM), Crowd Density Detection (CD), Queue Length Detection (QD), License Plate Detection (LPD), Rare Sound Detection (RSD)	
> SD card slot	YES (max 256 GB)	
> Power supply	DC12V±10%/POE (IEEE802.3af)	
> Max absorption (W)	12W	6.8W (Day mode) / 10.2W (Night mode) / 13.2W (Warm light)
> IP-IK protection class	IP67	
> ONVIF	ONVIF (Profile S/G/T)	
> Operating conditions	-30 °C~-60 °C (IR OFF), 0-90%RH	
> Dimensions (W x H x D or Ø x H)	151.3 x 74.1 x 74.1 mm	Ø136 x 127 mm

REFERENCES

FISH-EYE CAMERAS



> Item no.	1099/801
> Resolution (single-lens)	8MP 3840(H)x2160(V)
> Recording Fps	50/60 Hz: 25 fps 8MP (3840x2160), 5MP (2592x1944,3072x1728), 4MP (2592x1520), 3MP (2304x1296), 1080P (1920x1080), 960P (1280x960), 720P (1280x720), VGA (640x480), QVGA (320x240)
> Lens (single-lens)	2.8-12 mm
> Field of vision (single-lens)	Horizontal: 48° ~112° Vertical: 27° ~ 58° Diagonal: 55° ~ 138°
> Pan/tilt adjustment	3 axes
> Sensor	4 sensors 1/1.8"
> Video Compression	H.265+ / H.264+ / H.265 / H.264
> IR Lighting distance (m)	~ 35m
> Visible LED lighting distance (m)	~ 25m
> Sensitivity (lux)	Colour 0.006lux @ F1.2(AGC ON), B/W 0.002 lux @ F1.2 (AGC ON) ON; 0 Lux with IR on/White light on
> Video Functions	Smart IR, FTP Image upload to FTP Server/ Cloud Dropbox (on alarm event), P2P
> WDR	120dB
> Day & Night	Mechanical filter with auto switch
> Audio in /out	1 RCA input / 1 RCA output
> Alarm in /out	2 input / 2 output
> Video Analysis	VDECT video analysis with Face Detection (FD), Human&Vehicle Detection (PD&VD), Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Cross Counting (CC), Stationary Object Detection (SOD), Heat Map (HM), Crowd Density Detection (CD), Queue Length Detection (QD), License Plate Recognition (LPR)
> SD card slot	Micro SD/SDHC/SDXC, max. 256 GB
> Power supply	24VAC/12 VDC ± 10%, PoE (IEEE802.3af)
> Max absorption (W)	25,9W
> IP-IK protection class	IP66 - IK10
> ONVIF	ONVIF (Profile S/G/T)
> Operating conditions	-30 °C ~ 55 °C humidity 95% or lower (non-condensing)
> Dimensions (Ø x H)	Ø290 x 145.5 mm

IP Solutions

THERMAL CAMERAS



> Item no.	1099/841
	THERMAL MODULE
> Sensor	Vanadium Oxide Uncooled Focal Plane Arrays
> Resolution	256 x 192
> Pixel Interval	12µm
> Response Waveband	8-14µm
> Lens (Focal Length)	3.2 mm
> Field of vision	56° x 42°
> NETD	≤ 50 mK (@ 25°C, F# 1.0, 25Hz)
	OPTICAL MODULE
> Resolution	5MP 2592(H) × 1944(V)
> Sensor	1/2.7" CMOS
> Lens	3.6mm
> Field of vision	Horizontal: 81° - Vertical: 57° - Diagonal: 108°
> Sensitivity (lux)	Color 0.003lux @ F1.6(AGC ON); B/W 0 lux @ IR ON
> WDR	120 dB
> Day & Night	IR Cut Filter c/ auto switch
> Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel
> Recording Fps	<p>Optical Mainstream: 50Hz@25fps; 5MP(2592x1944),4MP(2592x1520),3MP(2304x1296), 1080P(1920x1080), 960P(1280x960),720P(1280x720) - 60Hz@30fps; 5MP(2592x1944), 4MP(2592x1520), 3MP(2304x1296), 1080P(1920x1080), 960P(1280x960), 720P(1280x720)</p> <p>Thermal: 50Hz@25fps; 1280 x 720, 640 x 480; 60Hz@30fps; 1280 x 720, 640 x 480</p> <p>Optical Substream: 50Hz@25fps; 720P(1280x720),VGA(640x480),QVGA(320x240); 60Hz@30fps; 720P(1280x720),VGA(640x480),QVGA(320x240)</p> <p>Thermal: 50Hz@25fps; 640 x 480, 320x240; 60Hz@30fps; 640 x 480, 320x240</p> <p>Mobile Stream: 50Hz@25fps; VGA(640x480),QVGA(320x240); 60Hz@30fps; VGA(640x480),QVGA(320x240)</p> <p>Thermal: 50Hz@25fps: 320x240; 60Hz@30fps: 320x240</p>

REFERENCES

THERMAL CAMERAS



> Item no.	1099/841
	OPTICAL MODULE
> Video Compression	H.265/H.264/MJPEG
> Lighting distance (m)	30 m
> Auxiliary lights	Active Deterrence function with blue and red LEDs
> Audio in /out	1 input / 1 output - Integrated speaker
> Alarm in /out	1 input / 1 output
> Alarm Action	SD recording/relay output/smart capture/FTP upload/email linkage/audio alarm/ Red & Blue flashing light
> Video Analysis	<p style="text-align: center;">Optical: Stationary Object Detectiono (SOD), Face detection (FD), Human & Vehicle detection (PD&VD), Perimeter Intrusion Detection (PID), Line crossing Detection (LCD), Cross Counting (CC), Crow density detection (CD), Queue Length Detection (QD), Rare sound detection (RSD) Heat Map</p> <p style="text-align: center;">Thermal: Perimeter Intrusion Detection(PID), Line crossing Detection (LCD), Fire detection, temperature exception alam</p>
> Temperature Measurement	Totals, 12 points, 12 areas and 12 lines
> Temperature Range	-15 °C to 150 °C
> Temperature Accuracy	± 8 °C
> Fire detection	YES
> SD card slot	YES (max 256 GB)
> Power supply	DC12V±10%/POE (IEEE802.3af)
> Max absorption (W)	10.8W
> IP-IK protection class	IP67
> ONVIF	ONVIF (Profile S/G/T)
> Operating conditions	-30 °C~60 °C (IR OFF), 0-90%RH
> Dimensions (W x H x D or Ø x H)	151.3 x 315.63 mm

IP Solutions

PTZ UNITS



> Item no.	1099/386
> Resolution	2M (1920x1080)
> Recording Fps	Mainstream: PAL: 25fps (1920x1080, 1280x720, 704x576, 640x480) NTSC: 30fps (1920x1080, 1280x720, 704x480, 640x480) Substream: PAL: 25fps (704x576, 704x288, 640x360, 352x288) NTSC: 30fps (704x480, 704x240, 640x360, 352x240) Mobile Stream: 25fps (352x288) NTSC: 30fps (352x240)
> Lens	Optical motorised zoom 25x (4.8mm~120mm) - Digital zoom 16x
> Field of vision	Horizontal: 58.5° (w)~2.8° (t) - Vertical: 33.2° (w)~1.5° (t) - Diagonal: 65.2°(w)~3.3° (t)
> Pan/tilt adjustment	360° / -16~90° (Auto flip)
> Sensor	1/2.8" CMOS
> Video Compression	S+265/H.265/H.264/M-JPEG
> Lighting distance (m)	150 m
> Sensitivity (lux)	Color: 0.001lux@ (F1.5, ACG ON), BW: 0lux with IR
> Video Functions	BLC/3D DNR/HLC
> WDR	140 dB
> Day & Night	Dual IR Cut Filter
> Audio in /out	1 input / 1 output
> Alarm in /out	1 input / 1 output
> Video Analysis*	Tripwire, Double Tripwire, Perimeter, Object Abandon, Object Lost, Loitering, Running, Heatmap, On Duty Detection, Video Abnormal, Audio Abnormal, Face Capture
> Auto-tracking	YES
> Num. Preset	500
> Scan	8
> Cruise	16
> Pattern	8
> SD card slot	YES (max 512 GB)
> Power supply	DC12V±10%/POE+(IEEE802.3 at)
> Max absorption (W)	10.7W (IR OFF) / 20.6W (MAX)
> IP-IK protection class	IP66, TVS 6000V lightning protection, surge protection and voltage transient protection
> ONVIF	ONVIF (Profile S/G/T/M)
> Operating conditions	-30 °C~65 °C (IR OFF), -30 °C ~40 °C (IR ON), 0-95%RH
> Dimensions (Ø x H)	Ø161 x 276 mm

* Not configurable and not available via NVR Building & Retail series

REFERENCES

PTZ UNITS



> Item no.	1099/370	1099/372
> Resolution	4MP 2560(H)x1440(V)	8MP 3840(H)x2160(V)
> Recording Fps	<p>Mainstream: 50 fps (2560x1440, 2304x1296, 1920x1080, 1280x720) 60 fps (2560x1440, 2304x1296, 1920x1080, 1280x720)</p> <p>Substream: 50 fps (1280x720, 640x480, 320x240) 60 fps (1280x720, 640x480, 320x240)</p> <p>Mobile Stream: 50 fps (340x480, 320x240) 60 fps (340x480, 320x240)</p>	<p>Mainstream: (1-25fps) (3840x2160, 3072x1728, 2880x1620, 2592x1520, 2304x1296, 1920x1080, 1280x960, 1280x720) Substream: (1-25fps) (1280x720, 640x480, 320x240) Mobile Stream: (1-25fps) (640x480, 320x240)</p>
> Lens	Optical motorised zoom 4x (2.8mm~12mm)	
> Field of vision	Horizontal: 114.6° (w)~48.3° (t) - Vertical: 59° (w)~27.1° (t) - Diagonal: 141.6°(w)~55.5° (t)	Horizontal: 113° (w)~31.4° (t) - Vertical: 58.4° (w)~17.6° (t) - Diagonal: 138.6°(w)~36° (t)
> Pan/tilt adjustment	350° / 0°~90°	355° / 0°~90°
> Sensor	1/1.8" CMOS	1/2.7" CMOS
> Video Compression	S+265/H.265/H.264/M-JPEG (SubStream only)	
> Lighting distance (m)	20 m	30 m
> Auxiliary lights	Default white light and deterrence light (red/blue), switchable infrared light	
> Sensitivity (lux)	Colour: 0.001lux@ (F1.6, ACG ON), BW: 0lux with IR	Colour: 0.009 lux @ F1.6 (AGC ON); B/W 0 lux @ IR ON
> Video Functions	BLC/3D DNR/HLC	
> WDR	120 dB	D-WDR
> Day & Night	Dual IR Cut Filter	
> Audio in /out	Integrated microphone and speaker	
> Alarm in /out	-	
> Video Analysis*	Stationary Object Detection (SOD), Face Detection (FD), Sound Detection, Face recognition (FR), Human & Vehicle detection (PD&VD), Perimeter Intrusion Detection (PID), Line crossing Detection (LCD), Cross Counting (CC), Crowd density detection (CD), Queue Length Detection (QD), License plate detection (LPD), Rare sound detection(RSD), Heat Map, Attribute Detection, Face attendance	
> Num. Preset	255	
> SD card slot	YES (max 256 GB)	
> Power supply	DC12V±10%/POE+(IEEE802.3 at)	
> Max absorption (W)	3.3W (Day mode) / 6.9W (Night mode) / 8.8W (Warm light)	6.8W (Day mode) / 10.2W (Night mode) / 13.2W (Warm light)
> IP-IK protection class	IP67 - IK10	IP67
> ONVIF	ONVIF (Profile S/G/T)	
> Operating conditions	-30 °C~60 °C (IR OFF), 0-90%RH	
> Dimensions (Ø x H)	Ø153 x 118.8 mm	Ø166.75 x 238 mm

IP Solutions

4M CAMERAS



> Item no.	1093/125M4I
> Resolution	4MP (2592x1520)
> Recording Fps	Mainstream (default 25fps/4MP): 4MP (2592x1520)(1-25fps), 3MP(2048x1520) / 1080P(1920x1080) / 960P(1280x960) / 720P(1280x720)(1-30fps) Substream (default 15fps/VGA): D1(704x576) / VGA (640x480) / QVGA(320x240) (1-25fps) Mobilestream (default 3fps/QVGA): VGA(640x480) / QVGA(320x240)(1-25fps)
> Lens	P-Iris
> Field of vision (horizontal)	-
> Pan/tilt adjustment	3 axes
> Sensor	1/2.7" Progressive Scan CMOS
> Video Compression	H.265 (Main profile)/ H.264/MJPEG
> No. of IR LEDs / Lighting distance (m)	-
> Sensitivity (lux)	0.1 Lux @(F1.2,AGC ON)
> Video Functions	Defog- ROI, Smart IR, image and video transfer on FTP, IP Conflict, Storage Error, Cloud, P2P
> Day & Night	Mechanical filter with auto switch
> Audio in /out	1 IN / 1 OUT
> Alarm in /out	1 IN / 2 OUT
> Video Analysis	V-Dect: perimeter intrusion detection, line crossing detection, object detection, crossing counter, face detection, human detection
> SD card slot	YES (max 128 GB)
> Power supply	12 VDC ± 10%, PoE (802.3af)
> Max absorption (W)	2W(D) / NOW(N)
> IP-IK protection class	IP66
> Operating conditions	-20 °C ~ 60 °C (-22 °F ~ 140 °F) humidity 95% or lower (non-condensing)
> Dimensions (W x H x D)	150 x 55 x 60 mm

REFERENCES

2M CAMERAS



> Item no.	1093/143M2	1099/204	1099/204B
> Resolution	1080P full HD (1920x1080)		3MP (2304x1296)
> Recording Fps	Mainstream: 1920x1080@20fps Substream: 704x576@20fps, 640x360@20fps, 352x288@20fps Mobilestream: 704x576@20fps, 640x360@20fps, 352x288@12fps		Mainstream: 2034x1296@15fps, 1920x1080@20fps, 1280x720@20fps, Substream: 640x360@25
> Lens	Fixed 3.3 mm	Fixed 3.7 mm	Fixed 3.7 mm
> Field of vision (horizontal)	HOV: 71°	HOV: 71°	HOV: 83.8°
> Pan/tilt adjustment	3 axes		
> Sensor	IMX307		T31N
> Video Compression	H.264/H.265/MJPEG		H.264/H.265/MJPEG
> No. of IR LEDs / Lighting distance (m)	-	-	-
> IR Lighting distance (m)	-	-	-
> Sensitivity (lux)	Colour 0.008Lux @F1.2 AGC ON		1 Lux
> Video Functions	FTP Image upload to FTP Server (on alarm event), P2P		
> WDR	-		DWDR
> Day & Night	Mechanical filter with auto switch		Mechanical filter with auto switch
> Audio in /out	1 IN / 1 OUT		
> Alarm in /out	-	-	-
> Video Analysis	-	-	Human detection
> SD card slot	-	-	-
> Power supply	12VDC +/-10%, PoE (IEEE802.3af)		
> Max absorption (W)	1.8W (G), 2.2W (N)		< 5.5W
> IP-IK protection class	Indoor		
> Operating conditions	-20 °C ~ +60 °C RH96% Max		-20 °C ~ 55 °C humidity 95% or lower (non-condensing)
> Dimensions (W x H x D)	40 x 40 x 27 mm	60 x 100 x 25 mm	60 x 100 x 25 mm

IP Solutions

WI-FI CAMERAS



> Item no.	1099/212	1099/212B
> Resolution	2M (1920x1080)	3MP (2304x1296)
> Recording Fps	Mainstream: 1920x1080 20fps, 960 25fps, 720 25fps Substream: 704x576 25fps, 640x360 25fps, 352x288 25fps MJPEG: 704x576 4-6fps	Mainstream: 2304x1296@15fps, 1920x1080@20fps, 1280x720@25fps Substream: 704x576@25fps, 640x360 25fps
> Lens	Motorised 2.8 - 12 mm	
> Field of vision (horizontal)	HOV: 108° -37°	HOV: 97.1° -32.3°
> Pan/tilt adjustment	3 axes	
> Sensor	1/2.8"	1/2.9" - 16:9 format
> Video Compression	H.265/H.264	
> IR Lighting distance (m)	~ 30 m	
> Sensitivity (lux)	Colour 0.1lux @ F1.2(AGC ON); B/W 0 lux @ IR ON	
> WDR	D-WDR	
> Day & Night	Mechanical filter with auto switch	
> Audio in /out	Integrated microphone and speaker	Integrated microphone
> Alarm in /out	-	-
> Video Analysis	Motion detection	Motion detection, Human detection
> Wi-Fi	802.11 b/g/n - Wi-Fi Frequency: 2.4GHz~2.4835GHz	
> LTE (4G)	-	Band 1, 2, 3, 5, 7, 8, 20, 34, 38, 39, 40 and 41 gain 2dBi
> SD card slot	YES (max 64 GB)	YES (max 128 GB)
> Power supply	12 VDC ± 10%, PoE (802.3af) (IEEE802.3af)	
> Max absorption (W)	Average: 170mA(G), 450mA(N). Peak: 470mA (IR CUT filter transition)	Average: 180mA(G), 460mA(N). Peak: 480mA (IR CUT filter transition)
> IP protection class	IP66	
> Operating conditions	-20 °C ~ +60 °C, <90%RH	
> Dimensions (W x H x D)	189 x 76 x 68 mm	

REFERENCES

WI-FI CAMERAS



> Item no.	1099/214*	1099/214B
> Resolution	2M (1920x1080)	3MP (2304x1296)
> Recording Fps	Mainstream: 1920x1080@25fps, 1280x720@25fps, 640x512@25fps Substream: 704x576@25fps, 640x360@25fps 352x288@25fps MJPEG: 352x288@4-6fps	Mainstream: 2304x1296@15fps, 1920x1080@20fps, 1280x720@25fps Substream: 640x360 25fps
> Lens	Fixed 2.8 mm	
> Field of vision (horizontal)	HOV 108°	HOV 100.9°
> Pan/tilt adjustment	3 axes	
> Sensor	1/2.8"	1/2.9" - 16:9 format
> Video Compression	H.265/H.264/MJPEG	
> IR Lighting distance (m)	~ 30 m	
> Sensitivity (lux)	Colour 0.1lux @ F1.2(AGC ON); B/W 0 lux @ IR ON	
> WDR	D-WDR	
> Day & Night	Mechanical filter with auto switch	
> Audio in /out	Integrated microphone and speaker	
> Alarm in /out		
> Video Analysis	Motion detection, Human detection	
> Wi-Fi	802.11 b/g/n - Wi-Fi Frequency: 2.4GHz~2.4835GHz	
> LTE (4G)	-	
> SD card slot	YES (max 128 GB)	
> Power supply	12 VDC ± 10%, PoE (802.3af) (IEEE802.3af)	
> Max absorption (W)	Average: 170mA(G), 450mA(N). Peak: 470mA (IR CUT filter transition)	
> IP protection class	IP66	
> Operating conditions	-20 °C ~ +60 °C, <90%RH	-20 °C~+55 °C, <95%RH
> Dimensions (W x H x D)	167 x 66.55 x 70.5 mm	

*Please contact our sales network to verify product availability.

IP Solutions

WI-FI CAMERAS



> Item no.	1099/216*	1099/216B
> Resolution	2M (1920x1080)	3MP (2304x1296)
> Recording Fps	Mainstream: 1920x1080@25fps, 1280x720@25fps, 640x512@25fps Substream: 704x576@25fps, 640x360@25fps, 352x288@25fps MJPEG: 352x288@4-6fps	Mainstream: 2304x1296@15fps, 1920x1080@20fps, 1280x720@25fps Substream: 640x360 25fps
> Lens	Motorised 2.8 - 12 mm	
> Field of vision (horizontal)	HOV: 108° -37°	HOV: 118° - 37°
> Pan/tilt adjustment	3 axes	
> Sensor	1/2.8"	1/2.9" - 16:9 format
> Video Compression	H.265/H.264/MJPEG	
> IR Lighting distance (m)	~ 30 m	
> Sensitivity (lux)	Colour 0.1lux @ F1.2(AGC ON); B/W 0 lux @ IR ON	
> WDR	D-WDR	
> Day & Night	Mechanical filter with auto switch	
> Audio in /out	Integrated microphone and speaker	
> Alarm in /out	-	
> Video Analysis	Motion detection, Human detection	
> Wi-Fi	802.11 b/g/n - Wi-Fi Frequency: 2.4GHz~2.4835GHz	
> LTE (4G)	-	
> SD card slot	YES (max 128 GB)	
> Power supply	12 VDC ± 10%, PoE (802.3af) (IEEE802.3af)	
> Max absorption (W)	Average: 170mA(G), 450mA(N). Peak: 470mA (IR CUT filter transition)	
> IP protection class	IP66	
> Operating conditions	-20 °C ~ +60 °C, <90%RH	-20 °C~+55 °C, <95%RH
> Dimensions (W x H x D)	189 x 76 x 68 mm	

*Please contact our sales network to verify product availability.

REFERENCES

WI-FI CAMERAS



> Item no.	1099/210	1099/211B	1093/182WM1A
> Resolution	2M (1920x1080)	3M (2304x1296)	720P (1280x720)
> Recording Fps	Mainstream: 2M(1920x1080)@25fps, 1280x960@25fps 1280x720@25fps Substream: 1280x720@20fps, VGA (640x480) @20fps, QVGA (320x240) @20fps Mobile stream: QVGA (320x240) @ 20fps	Mainstream: 2304x1296@15fps 1920x1080@20fps, 1280x720@25fps Substream: 800x488@25fps, 704x576@25fps 640x360@25fps, 352x288@25fps	Mainstream: 1280x720@25fps Substream: 704x576@25fps, 640x360@25fp,s 352x288@25fps, Mobile stream: 704x576@25fps, 640x360@25fps, 352x288@25fps
> Lens	Fixed 2.8 mm	Fixed 3.6 mm	Motorised 2.8 - 12 mm
> Field of vision (horizontal)	Horizontal: 92.7° Vertical: 48.5° Diagonal: 115.2°	Horizontal: 83.7° Vertical: 99°	H.FOV: 68° - 18°
> Pan/tilt adjustment	3 axes	P/T motorised	3 axes
> Sensor	1/2.8"	1/2.9"	1/4"
> Video Compression	H.265 / H.264		H.264/MJPEG
> IR Lighting distance (m)	~ 10 m		30 m
> Sensitivity (lux)	Colour 0.006lux @ F1.6(AGC ON); B/W 0 lux @ IR ON	0.1Lux@(F1.2,AGC ON), 0 Lux con IR Cut	Color 0.1lux @ F1.2(AGC ON); B/W 0 lux @ IR ON
> WDR	D-WDR		
> Day & Night	Mechanical filter with auto switch		
> Audio in /out	Integrated microphone and speaker		-
> Alarm in /out	YES, 1 input (programmable NC/NO) and 1 relay NO output (30Vdc/2A)	-	-
> Video Analysis	-	Human detecion Human auto tracking	Motion detection
> Wi-Fi	802.11 b/g/n - Wi-Fi Frequency: 2.4GHz~2.4835GHz Rectilinear transmission, up to 10m		802.11 b/g/n - Wi-Fi Frequency: 2.4GHz~2.4835GHz
> LTE (4G)	-		
> SD card slot	YES (max 256 GB)	YES (max 128 GB)	-
> Power supply	12Vcc / PoE	5Vcc +-5%	12 Vcc ± 10%
> Max absorption (W)	≤ 4.5W	Max 250mA ±10mA	Type: 170mA (D).450mA(N) Peak: 600mA
> IP protection class	Indoor		IP66 - IK10
> Operating conditions	-10 °C ~ +45 °C, <95%RH	-20 °C~+55 °C, <95%RH	-20 °C ~ +60 °C, <90%RH
> Dimensions (W x H x D)	63 x 120 x 33 mm	73 x 112 x 73 mm	152 x 152 x 101,8 mm

IP Solutions

NVR



> Item no.	1098/324P	1098/328P	1098/326P
> Video Compression	Video: H.265 H265+ H.264 H264+ Audio: G.711a G.711U		
> Max. Resolution	4K (8MP)		
> Registration	4K (8MP)@25fps real time		
> Max. no. of local playback channels	4	8	16
> PoE ports	4	8	16
> IP channels	4	8	16
> Video outputs	1-CH VGA Video Output (up to 1080P) 1-CH HDMI Video Output (up to 4K)		
> Audio Inputs/Outputs	1-CH RCA Line Input / 1-CH RCA Audio Output		
> Alarm Outputs/Inputs	4-CH alarm Inputs/ 1-CH alarm Output	8-CH alarm Inputs / 1-CH alarm Output	
> USB ports	2 USB 2.0 ports		
> Ethernet	1 RJ45 10/100 Base-T	1 RJ45 100/1000 Base-T	
> PTZ controls	Via RS485 using COAX, PELCO-D and PELCO-P protocols / AF lens checking		
> Smart functions (according to the camera model)	*Perimeter Intrusion Detection (PID), *Line Crossing Detection (LCD), *Stationary Object Detection (SOD), *Pedestrian Detection (PD), *Face Detection (FD), *Cross Counting (CC), *Sound Detection, *Occlusion Detection, *Face recognition, *Human & Vehicle detection, *Perimeter Intrusion Detection (AI PID), *Line crossing Detection (AI LCD), *Cross Counting, *Heat Map, *Attribute Detection, *Face attendance (*only if supported by the camera)		
> Video Backup	External USB drive / e-SATA / Network (NAS) (DROPBOX, GOOGLE DRIVE, FTP, only images and videos generated in the event of an alarm)		
> Network protocols	TCP/IP, DHCP, UDP, Urmnet DDNS/Urmnet DDNS2 with ID, P2P, PPPoE, Cloud Storage, SMTP, HTTPS, PPPoE, FTP, RTSP, UPNP, SNMP		
> Recording bandwidth	Max. 50/65 Mbps	Max. 128/128 Mbps	Max. 112/96 Mbps
> E-SATA port	YES		
> Hard Disk Slot	Max. 1 HDD Sata (up to 6TB)	Max. 1 HDD Sata (up to 10TB)	
> HD included capacity	1 TB	2 TB	
> App	iUVSpro		
> Management software	UVSpro		
> Power supply	DC48V / 1.2A PoE Switch: 48V	DC48V / 2A PoE Switch: 48V	48Vcc / 3,75A PoE Switch: 48V
> Dimensions (W x H x D)	300 x 53 x 227 mm		300 x 54 x 302 mm

REFERENCES

NVR



> Item no.	1098/334
> Video Compression	H.265 e H.264
> Max. Resolution	4K (8MP)
> Registration	4K (8MP)@25fps real time
> Playback	8MP/5MP: 4ch real-time; 4MP: 8ch real-time; 3MP: 10ch real-time; 2MP: 16ch real-time
> PoE ports	-
> IP channels	32
> Video outputs	1-CH VGA Video Output (up to 1080P), 1-CH HDMI Video Output (up to 4K)
> Audio Inputs/Outputs	1-CH RCA Line Input (2.0 Vp-p, 1kΩ) / 1-CH RCA Audio Output (2.0 Vp-p, 1kΩ)
> Alarm Outputs/Inputs	16 CH alarm Inputs / 4 CH alarm Outputs
> USB ports	2 USB 2.0 ports (for Mouse), 1 USB 3.0 port (for Backup and FW Update)
> Ethernet	RJ-45 10/1000Mbps Self-adaptive interface
> PTZ controls	Via RS485 using COAX, PELCO-D and PELCO-P protocols
> Smart functions (*only if supported by the camera)	*Perimeter Intrusion Detection (PID), *Line Crossing Detection (LCD), *Stationary Object Detection (SOD), *Pedestrian Detection (PD), *Face Detection (FD), *Cross Counting (CC), *Occlusion Detection, *Face recognition, *Human & Vehicle detection, *Heat Map, *Attribute Detection, *Face attendance, *Crowd Detection (CD), *Queue length Detection (QD), Rare So
> Video Backup	External USB drive / e-SATA / Network (NAS) (DROPBOX, GOOGLE DRIVE, FTP, only images and videos generated in the event of an alarm)
> IP Recording bandwidth (IN/OUT)	MAX. 640MBPS
> Network protocols	TCP/IP, DHCP, UDP, Urmet DDNS/Urmet DDNS2 with ID, P2P, PPPOE, Cloud Storage, SMTP, HTTPS, PPPoE, FTP, RTSP, UPNP, SNMP
> Hard Disk Slot	Max. 4 HDD Sata (each HDD up to 8TB)
> HD included capacity	2 TB
> App	Urmet iUVS Pro
> Management software	UVS pro to manage up to 128 channels per monitor (up to 4 monitors) for Windows and Mac, graphic maps, alarm and playback management
> Power supply	12Vcc / 5A
> Dimensions (W x H x D)	378 x 325.8 x 66 mm

AHD Solutions

High definition video surveillance on coaxial cable

AHD technology is widely used in building security systems. The Urmet range is wide and includes **camera units with manual and motorised lenses and HVR for recording**. The AHD video surveillance solutions are suitable for reconditioning old plants, while keeping the transmission infrastructure (COAX) unchanged. In addition, the installation is quite simple, suitable even for professionals who do not have extensive knowledge of programming and configuration. The AHD technology meets the requirements of users

who need medium-small systems, with a very favourable price/performance ratio. The Urmet catalogue includes a wide range of camera units and HVRs. The cameras have motorised or manual lenses and can be **configured directly by DVR (UTC)**: it is therefore possible to enter the menu of the camera without the aid of additional cables on the same. The HVR range, which always includes one 1TB HD, is compatible with all Urmet IP cameras.



5M cameras



2M cameras



4K HVR



5M HVR

REFERENCES

5M CAMERAS



> Item no.	1096/405	1096/406	1096/407
> Resolution	5MP 2592(H) x 1944(V)		
> Lens	Fixed 2.8 mm	Motorised varifocal 2.8-12 mm	Motorised varifocal 6-22 mm
> Pan/tilt adjustment	3 axes		
> Sensor	5.0 Megapixel 1/2.8" Color CMOS		
> Supported technologies	4 in 1 AHD-CVI-TVI-CVBS		
> Dip-Switch technology selection	YES		
> No. of IR LEDs / Lighting distance (m)	max 25 m IR ON		50 m IR ON
> Sensitivity (lux)	0,03 lux @(F1.2,AGC ON); 0 lux IR ON		
> OSD	YES, through UTC function		
> Video Functions	3DNR, BLC, D-WDR, ATW AGC, HLC		
> Special Functions	Manual IR adjustment	Manual IR adjustment, joystick zoom in/out management	Manual IR adjustment, joystick zoom in/out management
> WDR	YES - 120dB		
> Day & Night	Mechanical filter with auto switch		
> Audio in /out	-	-	-
> Alarm in /out	-	-	-
> Power supply	12 Vcc		
> Absorption	330 mA±5%	550 mA±5%	
> IP protection class	IP66		
> Dimensions (W x H x D or Ø x H)	170 x 65 x 65 mm	195 x 75 x 75 mm	

AHD Solutions

5M CAMERAS



> Item no.	1096/505	1096/506	1096/507
> Resolution	5MP 2592(H) × 1944(V)		
> Lens	Fixed 2.8 mm	Motorised varifocal 2.8-12 mm	Motorised varifocal 2.8-12 mm
> Pan/tilt adjustment	3 axes		
> Sensor	5.0 Megapixel 1/2.8" Color CMOS		
> Supported technologies	4 in 1 AHD-CVI-TVI-CVBS		
> Dip-Switch technology selection	YES		
> No. of IR LEDs / Lighting distance (m)	max 25 m IR ON		
> Sensitivity (lux)	0,03 lux @(F1.2,AGC ON); 0 lux IR ON		
> OSD	YES, through UTC function		
> Video Functions	3DNR, BLC, D-WDR, ATW AGC, HLC		
> Special Functions	-	Joystick zoom in/out management	
> WDR	YES - 120dB		
> Day & Night	Mechanical filter with auto switch		
> Audio in /out	-	-	-
> Alarm in /out	-	-	-
> Power supply	12 Vcc		
> Absorption	330 mA±5%	550 mA±5%	
> IP protection class	IP66		IP66 - Vandal resistant
> Dimensions (W x H x D or Ø x H)	80 x 93 Ø mm	120 x 95 Ø mm	150 x 100 Ø mm

REFERENCES

2M CAMERAS



> Item no.	1096/210	1096/203	1096/212
> Resolution	2M (1920x1080)		
> Lens	Fixed 2.8 mm	Fixed 3.6 mm	Motorizzato varifocal 2.8-12 mm
> Pan/tilt adjustment	3 axes		
> Sensor	2.0 Megapixel 1/2.7" Color CMOS		
> Supported technologies	4 in 1 AHD-CVI-TVI-CVBS		
> Dip-Switch technology selection	YES	-	YES
> No. of IR LEDs / Lighting distance (m)	max 30 m IR ON	max 15 m IR ON	max 30 m IR ON
> Sensitivity (lux)	0,03 lux @(F1.2,AGC ON); 0 lux IR ON		
> OSD	YES, through UTC function		
> Video Functions	2DNR, BLC, D-WDR, ATW AGC, HLC	2DNR, BLC, D-WDR, ATW AGC, HLC, IR SMART	2DNR, BLC, D-WDR, ATW AGC, HLC
> Special Functions	-	Integrated PIR	-
> WDR	Digital		
> Day & Night	Mechanical filter with auto switch		
> Audio in /out	-		
> Alarm in /out	-		
> Power supply	12 Vcc		
> Absorption	550 mA±5%	200 mA with IR ON	550 mA±5%
> IP protection class	IP66		
> Dimensions (W x H x D or Ø x H)	180 x 62 x 62 mm	138 x 72 Ø mm	180 x 62 x 62 mm

AHD Solutions

2M CAMERAS



> Item no.	1096/310	1096/303	1096/312
> Resolution	2M (1920x1080)		
> Lens	Fixed 2.8 mm	Fixed 3.6 mm	Motorised varifocal 2.8-12 mm
> Pan/tilt adjustment	3 axes		
> Sensor	2.0 Megapixel 1/2.7" Color CMOS		
> Supported technologies	4 in 1 AHD-CVI-TVI-CVBS		
> Dip-Switch technology selection	YES	-	YES
> No. of IR LEDs / Lighting distance (m)	max 20 m IR ON	max 15 m IR ON	max 30 m IR ON
> Sensitivity (lux)	0,03 lux @(F1.2,AGC ON); 0 lux IR ON		
> OSD	YES, through UTC function		
> Video Functions	2DNR, BLC, D-WDR, ATW AGC, HLC	2DNR, BLC, D-WDR, ATW AGC, HLC, IR SMART	2DNR, BLC, D-WDR, ATW AGC, HLC
> Special Functions	-	Integrated PIR	-
> WDR	Digital		
> Day & Night	Mechanical filter with auto switch		
> Audio in /out	-		
> Alarm in /out	-		
> Power supply	12 Vcc		
> Absorption	550 mA±5%	190 mA with IR ON	500 mA±5% IR ON
> IP protection class	IP66		
> Dimensions (W x H x D or Ø x H)	80 x 93 Ø mm	100 x 97 Ø mm	120 x 195 Ø mm

REFERENCES

2M CAMERAS



> Item no.	1092/252H	1092/258H	1096/204
> Resolution	1080P@25fps	1080P@25fps	
> Lens	Motorised varifocal 5-50mm 10x zoom	Fixed 3.6 mm 3MP	
> Pan/tilt adjustment	3 axes		
> Sensor	1/2.8" Sony CMOS	1/2.8" Sony 291 Starlight	
> Supported technologies	AHD	4 in 1 AHD-CVI-TVI-CVBS	
> No. of IR LEDs / Lighting distance (m)	42 LED + 2 max 45 m	-	
> Sensitivity (lux)	Colour: 0.3Lux, BN: 0.1Lux Colour DSS: 0.0005Lux, BN DSS: 0.0002Lux	Colour: 0.1Lux@F2, B/N: 0.03Lux@F2	
> OSD	YES		
> Video Functions	2DNR, BLC, WDR, ATW AGC	2DNR, BLC, D-WDR, ATW AGC, GLOBE, CENTER and FLC	
> Day & Night	Mechanical filter with auto switch	-	
> Audio in /out	-	-	
> Alarm in /out	-	-	
> Power supply	12 Vcc		
> Absorption	700 mA with IR ON	100 mA	
> IP protection class	IP66	Indoor	IP66
> Dimensions (W x H x D or Ø x H)	80 x 255 x 70 mm	40 x 40 x 15 mm	100 x 60 x 30 mm

AHD Solutions

2M CAMERAS



> Item no.	1092/605	1092/679
> Resolution	FULL HD (1080P)	
> Lens	10X (f = 5 mm ~ 50 mm)	20X (f = 4.7 mm ~ 84.6 mm)
> Pan/tilt adjustment	Continuous horizontal 360° rotation; tilt range 0-90°	
> Sensor	1/2.8" CMOS IMX322	
> Supported technologies	AHD-CVBS	
> No. of IR LEDs / Lighting distance (m)	2 LEDs Array SMD / 50 m	8 LEDs Array SMD / 100 m
> Sensitivity (lux)	Colour: 0.1 Lux@F2, B/N: 0.01 Lux@F2	
> OSD	YES	
> Video Functions	120 presets, 7 vector scans, 6 patterns, autoscan	
> Day & Night	Mechanical filter with auto switch	
> Audio in /out	-	-
> Alarm in /out	max 8 (additional alarm board)	
> Power supply	24 Vac 3 Amp	
> Absorption	<10W	<15W
> IP protection class	IP66	
> Dimensions (W x H x D or Ø x H)	Ø 157 x 295 mm	Ø 205 x 388 mm

REFERENCES

4K HVR



> Item no.	1097/624	1097/628	1097/626
> Video Compression	Video: H.265 / H.264 Audio: ADPCM 8kHz*16bit		
> Max. resolution	8M (3840x2160) / 5M (2560x1944) / 4M (2560x1440) / 3M (2048x1520) / 1080P (1920x1080) / 720P (1280x720) / WD1 (960x576)		
> Recording framerate	IP mode: 25fps per CH. Analogue mode: 8M@7fps / 5M@12fps / 4M@15fps / 1080P-720P@25fps per CH.	IP mode: 25fps per CH. Analogue mode: 8M@7fps / 5M@12fps / 4M@15fps / 1080P-720P@25fps per CH.	IP mode: 25fps per CH. Analogue mode: 8M@10fps / 5M@15fps / 4M@20fps / 1080P-720P@25fps per CH.
> IP channels	2	4	8
> Supported technologies	AHD-CVI-TVI-CVBS-IP		
> Video Inputs/Outputs	4-CH BNC In / 2-CH IP In (max 6-CH IP or mixed: Analogue + IP) / 1-CH VGA Out / 1-CH HDMI / 1-CH BNC Out	8-CH BNC In / 4-CH IP In (max 12-CH IP or mixed: Analogue + IP) / 1-CH VGA Out / 1-CH HDMI (max 4K) / 1-CH BNC Out	16-CH BNC / In 8-CH IP In (max 24-CH IP or mixed: Analogue + IP) / 1-CH VGA Out / 1-CH HDMI (max 4K) / 1-CH BNC Out
> Audio Inputs/Outputs	4-CH RCA input / 1-CH RCA output	8-CH RCA input / 1-CH RCA output	16-CH RCA input / 1-CH RCA output
> Alarm Outputs/Inputs	4-CH alarm input, 1-CH alarm output	8-CH alarm input, 1-CH alarm output	16-CH alarm input, 1-CH alarm output
> USB ports	2 ports - 2.0 (for mouse and backup)	1 port -2.0 (for mouse and backup) + 1 port - 3.0	
> Ethernet	1 RJ45 10/100 Base-T	1 RJ45 100/1000 Base-T	
> PTZ controls	Via RS485 using COAX, PELCO-D and PELCO-P protocols / AF lens control		
> Smart video analysis (for coaxial inputs)	Intrusion Detection (PID), Line crossing Detection, (LCD), Human & Vehicle detection (PD&VD Sound Detection, Video Tampering		
> Smart video analysis (*only if supported by the camera)	Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Stationary Object Detection (SOD), Pedestrian Detection (PD) *Face Detection (FC), *Cross Detection (CC), Sound Detection, Video Tampering	Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Stationary Object Detection (SOD), Pedestrian Detection (PD) *Face Detection (FC), *Cross Detection (CC), Sound Detection, Video Tampering, Video, LPD (License plate detection), RSD (Rare sound detection)	
> Special Functions	Spot video output, Cloud, Smart Video Analysis, E-Sata port		
> Supported Hard Disks	Max. 1 HDD Sata		
> HD included capacity	1 TB		
> App	Urmet iUVSpro (iOS, Android)		
> Management software	UVS PRO to manage up to 128 channels per monitor (up to 4 monitors) for Windows and Mac, graphic maps, alarm and playback management		
> Power supply	12 V / 2 A		12Vcc/5A
> Absorption	9.2W (4.7W without HD)	15.5W (11W without HD)	20W
> Dimensions (W x H x D)	300 x 53 x 227 mm		380 x 50 x 340 mm

* Depending on the IP camera model

AHD Solutions

5M HVR



> Item no.	1097/574	1097/578	1097/576
> Video Compression	Video: H.265 / H.264 Audio: ADPCM 8kHz*16bit		
> Max. resolution	5M Lite (1280x1944), 4M Lite (1280x1440), 3M (2048x1536), 1080P (1920x1080), 720P (1280x720), WD1 (960x576)		
> Recording framerate	IP Mode: 25fps per CH. Analogue mode: 5M@12fps / 4M@16fps / 1080P@15fps per CH / 720P@25fps per CH.		
> IP channels	2	4	4
> Supported technologies	AHD-CVI-TVI-CVBS-IP		
> Video Inputs/Outputs	4-CH with BNC video input / 2-CH with IP video input (up to 6-CH with IP video input) (up to 6-CH with mixed video input: Analogue + IP) / 1-CH VGA output / 1-CH HDMI output / 1-CH BNC output	8-CH with BNC video input / 4-CH with IP video input (up to 12-CH with IP video input) (up to 12-CH with mixed video input: Analogue + IP) / 1-CH VGA output / 1-CH HDMI output (up to 4K) / 1-CH BNC output	16-CH with BNC video input / 4-CH with IP video input (up to 20-CH with IP video input) (up to 20-CH with mixed video input: Analogue + IP) / 1-CH VGA output / 1-CH HDMI output (up to 4K)
> Audio Inputs/Outputs	4-CH RCA input / 1-CH RCA output	8-CH RCA input / 1-CH RCA output	4-CH RCA input / 1-CH RCA output
> Alarm Outputs/Inputs	4-channel alarm inputs - 1-channel alarm output	8-channel alarm inputs - 1-channel alarm output	4-channel alarm inputs - 1-channel alarm output
> USB ports	2 ports - 2.0 (for mouse and backup)	1 port -2.0 (for mouse and backup) + 1 port - 3.0	
> Ethernet	Self-adaptive interface RJ-45 10M/100MB		
> PTZ controls	Via RS485 using COAX, PELCO-D and PELCO-P		
> Smart video analysis (for coaxial inputs)	Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD) for all the analogue channels		-
> Smart video analysis	Perimeter Intrusion Detection (PID)*, Line Crossing Detection (LCD)*, Stationary Object Detection (SOD)*, Pedestrian Detection (PD)*, Face Detection (FC)*, Crossing Counter (CC)*, Sound detection*, Video tampering*, Human detection*, Cross Counting*		
> Special Functions	Cloud, E-Sata port		
> Supported Hard Disks	Max. 1 HDD Sata		
> HD included capacity	1 TB		
> App	Urmet iUVS PRO (iOS, Android)		
> Management software	UVS PRO to manage up to 128 channels per monitor (up to 4 monitors) for Windows and Mac, graphic maps, alarm and playback management		
> Power supply	12 V / 2 A		
> Absorption	10 W		
> Dimensions (W x H x D)	300 x 53 x 227 mm		

Accessories

Everything you need to complete your video surveillance system

A wide range of accessories for the professional: monitors, junction boxes, power units and everything needed to complete video surveillance systems.



Monitors



Remote controls and keyboards



Illuminators and lenses



Brackets and housings



Junction boxes



Power units, and video distributors



Switch, PoE injector and media converter



Video transmission up to coax



Wireless video transmission



PTZ and camera accessories

Accessories

MONITORS



> Item no.	1092/401B	3000/322
> LCD Display	10,1" TFT	21.45" TFT (16:9)
> Resolution	1024 x 768	1920 x 1080
> Colour display	16.7 millions	
> Contrast ratio	1000:1	3000:01:00
> Brightness	600 cd/sq. m	250 cd/sq. m
> View angle	90° horizontal 90° vertical	178° horizontal 178° vertical
> HDMI input	YES	
> VGA input	YES	
> BNC inputs	1	-
> AHD inputs	-	-
> Audio input	YES	
> Audio outputs	2 loudspeakers - 2 W	2 loudspeakers - 2 W/Ch
> Operating temperature range	0 °C +40 °C	
> Power supply	100 - 240 Vca	12 Vcc/2.5A
> Consumption	10W	<22W
> Dimensions with base (W x H x D)	245 x 165 x 35 mm	492.7 x 379.4 x 39.5 mm

REFERENCES

MONITORS



> Item no.	3000/332	3000/343
> LCD Display	32" TFT (16:9) Grado A	43" TFT (16:9)
> Response time	9.5 ms	
> Backlight	LED	
> Resolution	1920 x 1080	3840 x 2160
> Colour display	16.7 millions	10bit (D), 1.07 billions
> Contrast ratio	3000:1	1200:1
> Brightness	300 cd/sq. m	
> View angle	178° horizontal 178° vertical	
> HDMI input	2 x HDMI	
> VGA input	1 x VGA	
> BNC inputs	1	-
> AHD inputs	-	-
> DP Input	-	1 x DP
> Audio input	Jack	
> Audio outputs	2 loudspeakers - 2 W/Ch	
> OSD controls	View settings - Various settings	
> Front panel control	On/Off - Volume - OSD Menù - Selection buttons	
> Operating temperature range	0 °C +40 °C	
> Storage temperature range	-20 °C / +60 °C	
> Humidity	85% Without condensation	
> Wall installation	VESA mount 200 x 100	VESA mount 200 x 200
> Power supply	100 - 240 Vca	
> Consumption	<55W	<80W
> Net weight	8,8 Kg	7,30 Kg
> Dimensions with base (W x H x D)	524 x 744 x 199.30 mm	595 x 968 x 210 mm

Accessories

TESTER

1092/400H

MONITOR LCD 4,3", BUILDING&RETAIL, 480X272, BNC FOR CAMERAS TEST AHD 1080P-720P-CVBS

- > LCD display: 4,3" 16/9 Colour LCD
- > BNC video input: 1080P/720P/CVBS
- > USB power supply input: 5Vdc
- > Resolution: 480 x 272 pixel
- > Internal battery 3,7 V; 1000 mAh lithium-ion type BP-6M
- > Power supply: input 100÷240 V – 50/60 Hz - 0.15 A – output 5 V/1 A
- > Operating temperature: -10 °C +45 °C, 0 – 95% humidity
- > Dimensions (W x H x D): 120 x 80 x 40 mm
- > Weight: 150 g



3000/060

MULTIFUNCTION TESTER FOR VIDEO SURVEILLANCE SYSTEMS

- > 7.0" TFT display, 1920*RGB*1200 (resolution), 16.7M (colour)
- > It supports analogue SD, HD and network HD video surveillance systems all in one device
- > PoE power supply unit/receiver, 12V/2A output power supply
- > Dual 1000M network interface for network analysis
- > 2.4G and 5G WiFi network analysis: it supports 2.4G and 5G frequency bands, detection and scanning of airborne frequency band signal and detection of airborne noise signals (interference)
- > Replaceable lithium polymer battery with 10-hour battery life
- > Ethernet test: 10M/100M/1G Ethernet connection detection; Ethernet loop detection; DHCP client and server; Ethernet traffic detection; Data connection quality detection
- > IPC test: identification of ONVIF devices over the network; Real-time videos; Camera configuration; PTZ test
- > IPC image test: H.264/H.265 decoding, it supports 4K@30FPS, local zoom preview (with 8 levels)
- > PoE test:
 - PD test: tester receives 802.3at power; detection of power supply voltage
 - PSE Test: tester provides 802.3at power; maximum 25.5W, Actual PD power detection
- > It supports 8-level digital zoom
- > Audio test: 1 x audio signal input
- > Dimensions (W x H x D): 236.5 x 133.4 x 45.4 mm



REMOTE CONTROLS

1092/310

UTC REMOTE CONTROL FOR 2M AHD BUILDING&RETAIL CAMERAS

- > Power supply: 2 1.5V AAA alkaline batteries
- > Dimensions: 120 x 55 x 15 mm
- > Weight: 100 g



KEYBOARDS

1093/701

IP KEYBOARD FOR SPEED DOME

- > 3-axis joystick
- > Displaying screen: 5.0" HD LED
- > Connections: RJ45, 12Vdc power supply, HDMI output, USB port
- > ONVIF protocol: ONVIF2.4
- > OSD menu language: English
- > Power supply: 12Vcc/2A
- > Operating temperature: -10° ÷ 55 °C
- > Dimensions (W x H x D): 260 x 160 x 48 mm
- > Weight: 1.52 Kg



REFERENCES

ILLUMINATORS

1092/895

IR LIGHT, OUTDOOR INSTALLATION, 6 HIGH-EFFICIENCY IR LEDES, 50M

- > Infrared: IR LED 850um
- > Opening beam: 45°
- > Range: typical = 35m, MAX = 50m
- > Working temperature: -10→+50°C
- > Storage temperature: -30→+60°C
- > CDS: Internal switch, power on LED with light under 10 lux
- > Number of IR LEDs: 6 high-efficiency LEDs
- > Degree of protection: IP66
- > Material: aluminium
- > Power supply: 12,6 Vcc ±10%
- > Consumption: 850mA MAX
- > Weight: 700 g
- > Dimensions (W x H x D): 150 x 180 x 70 mm



1092/896

IR LIGHT, OUTDOOR INSTALLATION, 6 HIGH-EFFICIENCY IR LEDES, 70M

- > Infrared: IR LED 850um
- > Opening beam: 30°
- > Range: typical = 35m, MAX = 70m
- > Working temperature: -10→+50°C
- > Storage temperature: -30→+60°C
- > CDS: Internal switch, power on LED with light under 10 lux
- > Number of IR LEDs: 6 high-efficiency LEDs
- > Degree of protection: IP66
- > Material: aluminium
- > Power supply: 12,6 Vcc ±10%
- > Consumption: 850mA MAX
- > Weight: 700 g
- > Dimensions (W x H x D): 150 x 180 x 70 mm



LENSES

1090/545

VARIFOCAL LENS, 3.5-8 MM



1090/552

VARIFOCAL LENS IR 2.8-12 MM DC F1.4-300



1090/553

VARIFOCAL LENS IR 5-50 MM DC F1.6-360



1092/506

VARIFOCAL LENS IR 2.8-12 MM 3M F1.6-360



1092/507

VARIFOCAL LENS IR 5-50 MM 3M F1.4-300

Accessories

BRACKETS AND HOUSINGS

1092/710

PENDANT BRACKET FOR SPEED DOME



1092/711

PENDANT BRACKET FOR THERA



1092/147

VANDAL DOME WALL BRACKET

- > Bracket dimensions (W x H): 120 x 80 mm
- > Distance between holes (W x H): 90 x 55 mm



1090/809

OUTDOOR HOUSING KIT, 300MM, IP55

- > Removable housing on slide with hook
- > External dimensions (W x H x D): 105 x 95 x 315 mm
- > Internal dimensions (W x H x D): 70 x 65 x 300 mm
- > Weight: 1,4 Kg
- > Heating kit: 230 Vca (Bracket not included)



1090/807

WALL BRACKET

Aluminium wall bracket for 1090/809 casing.



3000/100

UNIVERSAL POLE ADAPTER JUNCTION BOX 1092/148, 1092/149, 3000/102 AND CAMERAS

- > Dimensions (W x H x D): 9.19.1 x 10.5 x 3.1 mm
- > Pole Ø (min-max) 60 - 80 mm
- > Weight 200 g



3000/104

BRACKET FOR BUILDING& RETAIL VANDAL DOME IP

- > Dimensions (W x H x D): 98 x 180 x 169 mm



REFERENCES

1099/394 IP PTZ ACCESSORIES

3000/145

CORNER ADAPTER FOR SPEED DOME CAMERA

Corner adapter for speed dome camera, NEIUS.

> Dimensions (H x W x D): 165 x 193 x 52 mm



3000/146

JUNCTION BOX

Junction box for speed dome, NEIUS.

> Dimensions (H x W x D): 170 x 153.6 x 70 mm



3000/143

PENDANT BRACKET

Pendant bracket for speed dome camera, NEIUS.

> Dimensions (H x Ø): 234 x 117 mm



3000/147

POLE ADAPTOR

Pole adaptor for bullet camera, NEIUS.

> Dimensions (H x W x P): 165 x 136 x 37 mm



Accessories

JUNCTION BOXES

1092/148

JUNCTION BOX FOR AHD CAMERAS 720P, 2M, 4M, 5M AND IP WIRELESS

- > Wall or ceiling mount
- > Dimensions (A x Ø): 35 x 135 mm
- > Weight: 390 g



1092/149

JUNCTION BOX FOR VANDAL DOME

- > Wall or ceiling mount
- > Dimensions (A x Ø): 46 x 147 mm
- > Weight: 300 g



3000/102

JUNCTION BOX FOR H.265 IP CAMERAS

- > Wall or ceiling mount
- > Dimensions (A x Ø): 57 x 134 mm
- > Weight: 300 g



3000/105

JUNCTION BOX FOR WALL BRACKET FOR VANDAL DOME (TO BE USED WITH REF. 3000/104)

- > Weight: 306 g
- > Dimensions (Ø x P): 14.5 x 6 mm



3000/106

JUNCTION BOX FOR UFO FISHEYE

- > Weight: 260 g
- > Dimensions (A x Ø): 126 x 48.9 mm



3000/107

JUNCTION BOX FOR FISHEYE WITH BRACKET CONNECTION

- > Weight: 270 g
- > Dimensions (A x Ø): 126 x 48.9 mm



3000/108

JUNCTION BOX, SMALL SIZE

- > Weight: 300 g
- > Dimensions (A x Ø): 100.5 x 56 mm



3000/109

JUNCTION BOX, SMALL SIZE, FOR WALL MOUNT BRACKET 3000/104

- > Weight: 300 g
- > Dimensions (A x Ø): 100.5 x 56 mm



3000/110

JUNCTION BOX

- > Weight: 400 g
- > Dimensions (A x Ø): 116 x 96.5 mm



3000/111

JUNCTION BOX FOR WALL MOUNT BRACKET

- > Weight: 300 g
- > Dimensions (A x Ø): 134.3 x 80 mm



REFERENCES

POWER UNITS

1090/850

12- 15VDC, 0.18A POWER SUPPLY UNIT

- > Power supply: 230 V~±10%, 50/60 Hz
- > Power: 5 VA rated
- > Output: V out= 12 V, 0.18 A (with P1 - P2 jumper) V out= 15 V, 0.18 A (without P1 - P2 jumper)
- > Protection: PTC thermistor (on secondary circuit)
- > Operating temperature: -10 °C to + 40 °C
- > Weight: 300 g
- > Dimensions (W x H x D): 65 x 63 x 45 mm



1092/801

12 VDC, 1200MA POWER SUPPLY UNIT

- > Input voltage: 230Vac
- > Output voltage: 13.2Vdc - 1200 mA
- > Weight: 135 g
- > Dimensions (W x H x D): 30 x 43 x 82 mm



1092/802

13.2VDC DIN RAIL POWER SUPPLY UNIT

1092/803

12VDC, IP66, 1000MA POWER SUPPLY UNIT

1092/804

MULTIPLE POWER SUPPLY UNIT WITH 4 3A OUTPUTS

- > Input voltage: 230Vac
- > Output voltage: 13.2 Vdc - total 3A
- > Available outputs: 4
- > Maximum available current per output: 1.5A (Total 3A)
- > Weight: 668 g
- > Dimensions (W x H x D): 162 x 47 x 162 mm



1090/840

CAMERA POWER CABLE WITH 90° CONNECTOR

VIDEO DISTRIBUTORS

1090/730

MINIATURISED VIDEO DISTRIBUTOR, 1IN/4OUT

- > Power supply: 15 Vdc 30 mA
- > Connections: does not require BNC connectors
- > Dimensions (W x H x D): 96 x 28 x 65 mm



Transmission

SWITCH EDGE SERIES



> Item no.	3000/400A
> LAN Ports	4 x10/100/1000Mbps RJ45
> Uplink Ports	1x10/100/1000Mbps RJ45
> Standard/protocol	IEEE 802.3i (10Base-T); IEEE 802.3u (100Base-TX); IEEE 802.3ab (1000Base-T); IEEE 802.3x (Flow Control)
> Exchange capacity	1 Gbps
> Buffer	48K
> Forwarding Rate	7.44Mbps
> MAC address table	1K
> Jumbo Management	YES
> LED indicators	LINK/ACT
> Power supply	DC:12V/0.5A
> Service temperature	0 °C ~ +40 °C
> Storage temperature	-40 °C ~ +70 °C
> Operating conditions	10%~90% (Non-condensing)
> Dimensions (H x W x D)	100 x 50 x 27 mm
> Weight	<1 kg
> Type of case	Metal
> Colour	Black
> Surge protection	4KV
> MTBF	50.000 hours
> Electrostatic standard	6kv
> Accessories	User Guide/Power Adapter

REFERENCES

SWITCH EDGE SERIES



> Item no.	3000/401	3000/402	3000/403
> LAN Ports	6	10	19
> Uplink Ports	2x10/100 RJ45	2x10/100/1000Mbps RJ45	2x10/100/1000 Mbps RJ45 + 1 SFP 1,2Gbps
> Port LAN PoE	4x10/100 RJ45	8x10/100 RJ45	16x10/100Mbps RJ45
> Standard/protocol	IEEE 802.3i (10Base-T); IEEE 802.3u (100Base-TX); IEEE 802.3ab (1000Base-T); IEEE 802.3x (Flow Control)		
> PoE Standard	IEEE802.3af/at		
> Max. Output Power (Watts)	60W	120W	250W
> Max. power output per port (Watts)	15.4/30W		
> Exchange capacity	1.2 Gbps	5.6 Gbps	9.2 Gbps
> Buffer	48K		
> Forwarding Rate	0.89Mpps	4.17Mpps	6.84Mbps
> MAC address table	2K		8K
> Max distance date	250m		
> Function	EXTENDER/VLAN		
> Jumbo Management	YES		
> Fan	NO		
> LED indicators	LINK/ACT		
> Power supply	AC:110V-240V		
> Service temperature	-10 °C ~ +65 °C		0 °C ~ +40 °C
> Storage temperature	-10 °C ~ +65 °C		-40 °C ~ +70 °C
> Operating conditions	5% ~ 95%		10%~90% (Non-condensing)
> Dimensions (H x W x D)	202 x 140 x 45 mm		312 x 185 x 46 mm
> Weight	1.1 kg		2.14 kg
> Type of case	Metal		
> Colour	Black		
> Surge protection	Lightning protection: 4KV 8/20us		4KV
> MTBF	50.000 hours		
> Electrostatic standard	2k		6kv
> Accessories	User Guide/Power Adapter		

Accessories

POE INJECTOR



> Item no.	3000/470	3000/471
> LAN Ports	1 x 10/100/1000Mbps RJ45	
> Uplink Ports	1 x 10/100/1000Mbps RJ45	
> Port LAN PoE	1	
> Standard/protocol	IEEE802.3af IEEE802.3at	IEEE802.3af IEEE802.3at IEEE802.3bt
> PoE Standard	IEEE803.2af/at	IEEE802.3bt - 3af/3at
> Max. Output Power (Watts)	30W	60W
> Max. power output per port (Watts)	15.4/30W	15.4/30/60W
> Exchange capacity	4Gbps	
> Forwarding Rate	2.976Mpps	
> LED indicators	LINK/ACT	
> Power supply	100-240VAC	
> Service temperature	-20 °C ~ +50 °C	
> Storage temperature	-40 °C ~ +85 °C	
> Operating conditions	Max 95%, (Non-condensing)	
> Dimensions (H x W x D)	166 x 55 x 40 mm	187 x 95 x 40 mm
> Weight	0.2 kg	0.4 kg
> Type of case	Plastic	Metal
> Colour	Black	Black
> Surge protection	4kv	ESD 15KV, Contact 8KV, Air 15KV
> MTBF	30.000 hours	
> Electrostatic standard	6kv	
> Accessories	Power cable*	

* Ideal for power speed dome

REFERENCES

SWITCH BACKBONE SERIES



> Item no.	3000/451	3000/452
> Web Managed	-	
> LAN Ports	10	
> Uplink Ports	2x10/100/1000Mbps RJ45	2 x SFP 1.2 Gbps
> Port LAN PoE	8x10/100/1000Mbps RJ45	
> Consol port	-	
> Standard/protocol	IEEE 802.3i (10Base-T); IEEE 802.3u (100Base-TX); IEEE 802.3ab (1000Base-T); IEEE 802.3x (Flow Control)	
> PoE Standard	IEEE803.2af/at	
> Max. Output Power (Watts)	120W	
> Max. power output per port (Watts)	15.4/30W	
> SFP Slots	-	2 x SFP 1.2 Gbps
> Exchange capacity	20 Gbps	
> Buffer	48K	
> Forwarding Rate	14.88 Mbps	
> MAC address table	8k	
> Max distance date	250M	
> Function	VLAN	-
> Jumbo Management	YES	
> LED indicators	LINK/ACT	
> Power supply	AC:110V-240V	
> Service temperature	0 °C ~ +40 °C	
> Storage temperature	-40 °C ~ +70 °C	
> Operating conditions	10% ~ 90% (Non-condensing)	
> Dimensions (H x W x D)	202 x 140 x 50 mm	
> Weight	1.1 kg	
> Type of case	Metal	
> Colour	Black	
> Surge protection	4KV	
> MTBF	50.000 hours	
> Electrostatic standard	6kv	

Accessories

SWITCH BACKBONE SERIES



> Item no.	3000/453	3000/454
> Web Managed	-	LEVEL 3
> LAN Ports	16x10/100/1000Mbps RJ45	24 x 10/100/1000Mbps RJ45
> Uplink Ports	2 x SFP 1.2 Gbps	4 SFP 10 Gbps
> Port LAN PoE	-	-
> Consol port	-	1
> Standard/protocol	IEEE 802.3i (10Base-T); IEEE 802.3u (100Base-TX); IEEE 802.3ab (1000Base-T); IEEE 802.3x (Flow Control)	IEEE 802.3; IEEE 802.3u IEEE 802.3ab/ad/az; IEEE 802.3x; IEEE 802.1q IEEE 802.1p,QoS; IGMP Snooping
> PoE Standard	-	-
> Max. Output Power (Watts)	-	-
> Max. power output per port (Watts)	-	-
> SFP Slots	2 x SFP 1.2 Gbps	4 x SFP 10 Gbps
> Exchange capacity	36 Gbps	128 Gbps
> Buffer	48K	12M
> Forwarding Rate	23.80Mbps	95.23 Mbps
> MAC address table	8k	16k
> Mas distance date	100M	
> Function	VLAN	-
> Jumbo Management	YES	9216 bytes
> LED indicators	LINK/ACT	
> Power supply	AC:110V-240V	100-240VAC
> Service temperature	0 °C ~ +40 °C	-20 °C ~ +50 °C
> Storage temperature	-40 °C ~ +70 °C	-40 °C ~ +85 °C
> Operating conditions	10%~90% (Non-condensing)	Max 95% (Non-condensing)
> Dimensions (H x W x D)	310 x 184 x 44 mm	440 x 204 x 44 mm
> Weight	1.3 kg	2.4 kg
> Type of case	Metal	
> Colour	Black	
> Surge protection	4kv	IEN61000-4-5
> MTBF	50.000 hours	100.000 hours
> Electrostatic standard	6kv	EN61000-4-2

REFERENCES

MEDIA CONVERTER



> Item no.	3000/480
> LAN Ports	1 x 10/100/1000Mbps; 1 x Fiber slot 1,2 Gbps
> Standard/protocol	IEEE802.3 (10Base-T); IEEE802.3u (100Base-TX/FX); IEEE802.3ab (1000Base-TX/FX); IEEE802.3x (Flow control)
> PoE Standard	NO
> SFP Slots	1x Fiber slot 1,2Gbps
> Exchange capacity	4Gbps
> Buffer	2K
> Forwarding Rate	2.976 Mpps
> MAC address table	16K
> Max distance date	100M
> LED indicators	LINK/ACT TX,RX
> Power supply	DC 5V
> Service temperature	-20 °C ~ +50 °C
> Storage temperature	-40 °C ~ +85 °C
> Operating conditions	Max 95% (Non-condensing)
> Dimensions (H x W x D)	94 x 70 x 26 mm
> Weight	0,2x2 kg
> Type of case	Metal
> Colour	Black
> Surge protection	IEN61000-4-5
> MTBF	100.000 hours
> Electrostatic standard	EN61000-4-2
> Accessories	Power supply units included 100-240vAC 5V
> Connector	SC

Note: each package contains number 2 mediaconverter and respective power supplies.

Accessories

SWITCH ACCESSORIES

3000/720

MULTI-FUNCTION LIGHTNING PROTECTION DEVICE

Surge protector with automatic 0-220V adaptation. The camera power supply and the network signal can be protected against both surges and static electricity. The maximum discharge voltage can reach 10KV, and the response time is at nano level.

- > Operating Voltage: 5V
 - > Limiting: 7.8V
 - > Maximum discharge current $I_{max}(8/20\mu s)$ 10KV
 - > Insertion Loss: 0.1dB
 - > Response Time <1ns
 - > Protection PIN: +1+2-3-6/+4+5-7-8
 - > Maximum Transfer Rate: 1000Mbps
 - > Operating Temperature: > -40 °C ~ +85 °C
 - > Dimensions (W x H x D): 79 x 35 x 25 mm
-



REFERENCES

SFP MODULES

3000/490

10/100/1000 BASE-T SFP COPPER TRANSCEIVER

Module for copper links with high performance compliant with the Gigabit Ethernet and 10/100/1000BASE-T standards as specified in IEEE 802.3-2002 and IEEE 802.3ab, which supporting 10/100/1000Mbps data- rate up to 100 meters reach over unshielded twisted-pair category 5e cable.

- > Up to 1.25Gb/s bi-directional data links
- > Cat 5e cable or upper
- > High speed I/O for file servers
- > Hot Pluggable
- > Fully metallic enclosure for low EMI
- > Compact RJ-45 connector assembly
- > +3.3V single power supply
- > Low power dissipation
- > Extended case temperature range (-40°C to +85°C)
- > Access to physical layer IC via 2-wire serial bus
- > 10/100/1000 BASE-T operation in host systems with SGMII interface
- > Compliant with SFP MSA
- > Compliant with IEEE Std 802.3TM-2002
- > Complaint with RoHS



3000/491

1,25GB/S 550M, SFP TRANSCEIVER

High performance module which have a duplex LC optics interface. It has standard AC coupled CML for high speed signal and LVTTTL control and monitor signals. The receiver section uses a PIN connector and the transmitter uses a 850 nm VCSEL laser, up to 8dB link budge ensure this module 1000Base-SX Ethernet 550m application.

- > Up to 1.25Gb/s 1000 Base-SX Ethernet for data links
- > Hot Pluggable
- > Duplex LC connector
- > Up to 550m on 50/125µm MMF
- > 850nm VCSEL laser transmitter
- > +3.3V single power supply
- > Monitoring Interface Compliant with SFF-8472
- > Low power dissipation <1W typically
- > Extended case temperature range (-40 °C to 85 °C)
- > Complaint with RoHS



3000/492

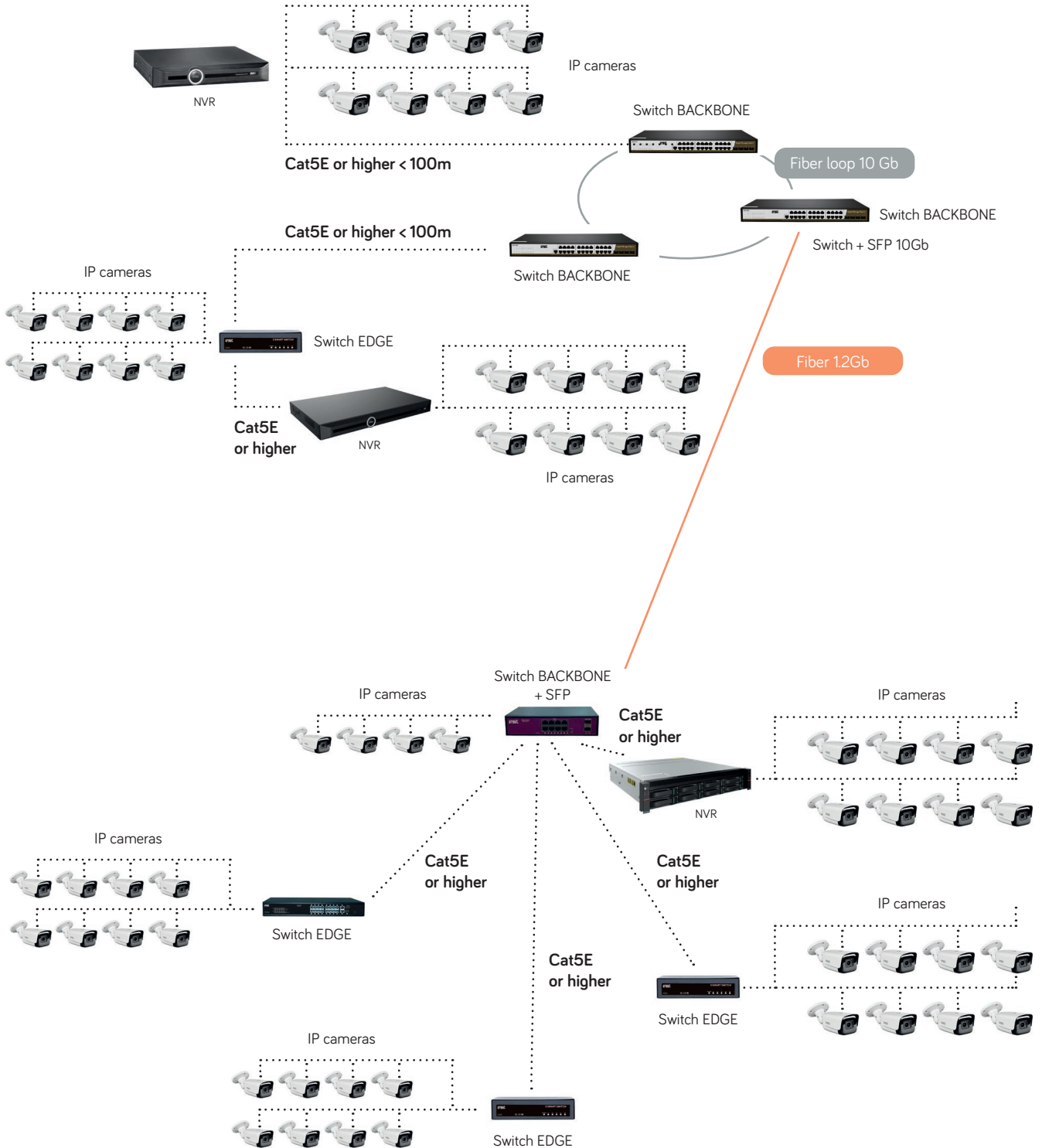
10GB/S 300M, SFP+ TRANCEIVER





Module with a 10Gb/s high-speed LC duplex optical interface that converts a serial electrical data stream into an optical output signal. It complies with SFF-8471, SFF-8472 and IEEE 802.3ae 10GBASE-SR specifications. Digital diagnostic functions are available via a 2-wire serial interface. The receiver section uses a PIN connector and the transmitter section uses an 850 nm VCSEL laser, providing high performance in Ethernet applications up to 300 metres.

- > Up to 11.3Gb/s 10GBase-SR/SW Ethernet for data links
- > Hot Pluggable
- > Duplex LC connector
- > Up to 300m on 50/125µm MMF
- > 850nm VCSEL laser transmitter
- > +3.3V single power supply
- > Monitoring Interface Compliant with SFF-8471, SFF8472 e IEEE802.ae
- > Low power dissipation <1W typically
- > Extended case temperature range (0 °C to +70 °C)
- > Complaint with RoHS



Application example for switch use



-  **Switch BACKBONE:** 24 ch + 2 ports SFP 10 Gb
-  **Switch BACKBONE:** 8 ch + 2 ports SFP
-  **Switch EDGE:** 4-8-PORTS POE + 2 RJ45 uplink
-  **Switch EDGE:** 16 PORTS POE + 2 RJ45 uplink + 1 port SFP

REFERENCES

VIDEO TRANSMISSION UP TO COAX

1092/300A

PASSIVE BALUN, TX/RX PA



1092/301

PASSIVE BALUN, TX / RX PAIR, WITH POWER SUPPLY

- > Compact size for a simple connection to cameras, monitor and video management devices
- > 1 BNC Video Input and RJ45 connector for connection with UTP CAT5 cable
- > Extremely easy to use
- > No power supply required
- > Input / output for remote power supply
- > Double impedance and disturbance filter to ensure improved shielding against any interference
- > The package includes a set of transceivers



3000/050

PASSIVE BALUN, TX / RX PAIR, LONG DISTANCE

URMET 3000/050 consists of a pair of passive devices (without signal). Can be used for transmitting /receiving over long distances of a video signal, white/black or colours, on UTP cable

- > Video input/output: Male BNC
- > UTP cable input/output: Terminal board
- > Recommended wire type: 24 AWG UTP CAT5 or higher
- > Impedance 100 Ω ± 20%
- > BNC impedance: 75 Ω
- > UTP impedance: 100 Ω
- > Voltage surge protection: Yes
- > Working temperature range: -10 - 45 °C
- > Storage temperature range: -30 - 60°C
- > Humidity: 0-95%
- > Dimensions (W x H x D): 30 x 15 x 14 mm
- > Weight (each): 30 g



AHD 2MPX cameras

	From 0 m to 80 m	From 80 m to 350 m	From 350 m to 400 m	More than 400 m
Video performance	With clear image splitting. Use version 1092/300A	Maximum	Acceptable, but with reduced resolution	Not acceptable (high resolution loss)

4MPX AHD cameras

	From 0 m to 80 m	From 80 m to 240 m	From 240 m to 280 m	More than 280 m
Video performance	With clear image splitting. Use version 1092/300A.	Maximum	Acceptable, but with resolution loss	Not acceptable (high resolution loss and possible colour loss)

Accessories

WIRELESS VIDEO TRANSMISSION

3000/080

WIRELESS DEVICE, 5 GHZ, WITH INTEGRATED ANTENNA, 100MBPS

3000/080 is a wireless device with integrated antenna 16dBi for outdoor use. Perfect for point-to-point connections up to 12 kilometers or Vome CPE units. It's compact, watertight and easy to mount.

- > Antenna: 23° 16 dBi
- > Wireless: 802.11a/n up to 100 Mbit/s
- > Band: 5GHz
- > SFP ports: No
- > Ethernet ports: 1 port 10/100
- > Consumption: 6W
- > Dimensions (W x H x D): 129 x 129 x 34 mm
- > Weight: 295 g
- > Weatherproof: yes



3000/082

WIRELESS DEVICE, 5 GHZ, WITH INTEGRATED OMNI ANTENNA, 200MBPS

3000/082 is an outdoor, waterproof AP with dual polarisation omnidirectional antenna, the perfect accessory for point-multipoint solutions with 3000/080 and 3000/083 devices or for any other device suitable for 802.11a/n standard at 5GHz.

It is provided with five 10/100 Ethernet ports, PoE support and powerful integrated 802.11a wireless radio. It supports the Nv2 TDMA technology with aggregated throughput up to 200Mbit.

- > Antenna: OMNI 7.5 dBi
- > Wireless: 802.11a/n 2x2 MIMO up to 200 Mbit/s
- > Band: 5GHz
- > SFP ports: No
- > Ethernet ports: 5 ports 10/100
- > USB port: 1
- > Consumption: 11W
- > Dimensions (W x H x D): 177 x 44 x 44 mm
- > Weatherproof: yes



3000/083A

WIRELESS DEVICE, 5 GHZ DUAL CHAIN, WITH INTEGRATED ANTENNA, 500MBPS

3000/083A is an 802.11a/n/ac 2x2 MIMO radio transmission device with an integrated 21dBi dual-polarisation directional antenna. It is equipped with a Gigabit Ethernet port supporting MDI-X auto-detection.

- > CPU IPQ-4018 716 MHz
- > CPU core count 4
- > RAM: 256 MB
- > Storage type: Flash
- > Storage size: 16MB
- > Ethernet: One 10/10/1000 Mbps Ethernet port with Auto-MDI/X
- > Wireless: IPQ-4018, 5GHz 802.11ac, dual chain
- > Consumption: 7 W
- > Antenna gain: 21 dBi
- > Antenna beam width: 12°
- > Dimensions (Ø x H): 265 x 80 mm
- > Operating temperature: -40 °C + 70 °C tested



REFERENCES

WIRELESS VIDEO TRANSMISSION

3000/084

AP RADIO SYSTEM WITH INTEGRATED ANTENNA 5.4GHZ 120° AND PORT SFP 500MBPS

3000/084 is supplied ready to use with all the necessary equipment included.

The device uses a high-speed 720 MHz CPU and contains an integrated 802.11 ac/a/n wireless device with up to 31 dBm output power. The 3000/084 is available in version with 15 dBi sectoral antenna and 120° opening and is compatible with the 3000/081 mounting bracket (included).

- > Antenna: 15 dBi 120°H,10°E
- > Wireless: 802.11 ac/a/n up to 500 Mbit/s
- > Band: 5GHz
- > SFP ports: 1
- > Ethernet ports: 1 port 10/100/1000
- > Consumption: 13W
- > Dimensions (W x H x D): 140 x 348 x 82 mm
- > Weight: 816 g
- > Weatherproof: yes



3000/085

AP RADIO SYSTEM 5.4GHZ 2 CONNECTORS RP-SMA FOR ANTENNAS EXT 500MBPS

3000/085 device supports the 802.11ac wireless standard, and thus allows using data transfer speeds up to 1.3Gbps (for T models), 256-QAM modulation and 20/40/80MHz channels.

The 3000/085 device has a solid structure designed to withstand the most challenging conditions of use, but at the same time is easy to use and can be opened and closed with one hand.

The sturdy aluminium casing is able to dissipate heat.

The 3000/085 model is provided with another 802.11a/n wireless interface.

- > Antenna: 2 connectors RP-SMA
- > Wireless: 802.11 ac/a/n up to 500 Mbit/s
- > Band: 5GHz
- > SFP ports: 1
- > Ethernet ports: 1 port 10/100/1000
- > USB port: 1
- > Slot Mini PCIe: 1
- > Consumption: 17W
- > Dimensions (W x H x D): 143 x 247 x 48 mm
- > Weight: 865 g
- > Weatherproof: yes



3000/086

120° 15DBI BAND 5GHZ SECTORIAL ANTENNA

3000/086 is an antenna compatible with the 3000/085 radio system. The antenna features dual polarisation with two RP-SMA connectors. The gain is 15dBi and the antenna opening is 120 degrees.

The device is compatible with the 3000/081 bracket (included), and therefore can be fastened in a stable and adjustable manner.

- > Antenna gain: 15 dBi
- > Antenna beam opening: Azimuth 120° Vertical 10°
- > Wireless bands Radio: 5 GHz
- > Connectors: 2 connectors RP-SMA
- > Dimensions (W x H x D): 140 x 348 x 82 mm
- > Weight: 734 g
- > Weatherproof: yes



3000/087

WIRELESS COMPACT DEVICE, 2.4 GHZ, AP/CPE

3000/087 device is a small access point and a cost-effective solution for residential installations or small environments. It can be taken anywhere and can be used to create a wireless network dedicated to the video monitoring service, or to connect the devices (NVRs- DVRs and/or IP Cameras) to the router without using cables.

- > Wireless: 802.11 b/g/n up to 100 Mbit/s
- > Band: 2.4 GHz
- > Ethernet ports: 1 port 10/100
- > Consumption: 3,5W
- > Dimensions (W x H x D): 48 x 49 x 11 mm



Accessories

WIRELESS VIDEO TRANSMISSION

3000/081

POLE OR WALL BRACKET FOR RADIO, BUILDING & RETAIL EQUIPMENT

3000/081 device is an adapter to fix small antennas to the wall. It can be wall-mounted or used as adapter for large diameter pole ensuring a reliable installation.

Thanks to its special composite plastic material – anvilNITE (TM) – the adapter ensures a very long service life.

- > Hose diameter: 35 mm
- > Max hose diameter to which the mounting bracket can be attached: 65 mm
- > Maximum antenna weight: 1.5 Kg
- > Maximum wind load: 100 N
- > Rotation angle: 140°
- > Material anvilNITE™
- > Dimensions (W x H x D): 95 x 88 x 112 mm



3000/088

2.5GHZ WIFI ROUTER, LTE MODEM, 10/100 ETHERNET PORT

3000/088 device is a small wireless waterproof access point with integrated cellular modem that supports 2G, 3G and 4G (LTE) connectivity. By connecting to the integrated 802.11b/g/n wireless device of WAP, it is possible to access the LTE network from a phone or any other wireless device.

The 3000/088 device is also provided with a LAN 10/100 Ethernet port for wired devices.

- > Antenna: 2 dBi @ 2.4 omni, 2-4.5 dBi @LTE
- > Wireless: 802.11 b/g/n up to 100 Mbit/s
- > Band: 2.4 GHz
- > Modem: LTE:
 - LTE (FDD) bands 1(2100)/2(1900)/3(1800)/7(2600)/8(900)/20(800);
 - LTE (TDD) bands 38(2600)/40(2300); 3G bands 1(2100)/2(1900)/5(850)/8(900);
 - 2G bands 2(1900)/3(1800)/5(850)/8(900)
- > Ethernet ports: 1 porta 10/100
- > Consumption: 8W
- > Dimensions (W x H x D): 185 x 85 x 30 mm
- > Weatherproof: yes



PTZ AHD ACCESSORIES

1092/709

ALARMS BOARD

3000/101

ADAPTER FOR POLE

- > Weight: 1.25 kg
- > Dimensions (W x H x D): 18 x 22.3 x 6 mm



3000/103

ANGLE BRACKET FOR BUILDING&RETAIL SPEED DOME

- > Weight: 2.2 kg
- > Dimensions (W x H x D): 32 x 22.5 x 18 mm



REFERENCES

1099/386 MINI PTZ IP ACCESSORIES

3000/145

CORNER ADAPTER FOR SPEED DOME CAMERA

Corner adapter for speed dome camera, NEIUS.

> Dimensions (H x W x D): 165 x 193 x 52 mm



3000/146

JUNCTION BOX

Junction box for speed dome, NEIUS.

> Dimensions (H x W x D): 170 x 153.6 x 70 mm



3000/143

PENDANT BRACKET

Pendant bracket for speed dome camera, NEIUS.

> Dimensions (H x Ø): 234 x 117 mm



3000/147

POLE ADAPTOR

Pole adaptor for bullet camera, NEIUS.

> Dimensions (H x W x D): 165 x 136 x 37 mm



Accessories

CAMERA ACCESSORIES

1092/731A

VIDEO ISOLATION TRANSFORMER FOR AHD CAMERAS



1092/732

VIDEO AND DATA PROTECTION FILTER

Protection filter designed for coaxial 75Ohm video lines and RS-485 data lines with relevant power supply. It ensures protection of images and data against voltage peaks, induced and conducted overvoltage, and electrostatic discharges.

- > Protection filter: Video – Data – Power supply
- > Video insertion loss: 0.3 dB
- > Response time: <0,5 ns
- > Max. isolation voltage: 4 kV
- > Max. discharge current: 10 kA
- > Video bandwidth: 10 MHz
- > Operating temperature range: -60 °C - +95 °C
- > Dimensions (W x D x H): 90 x 52 x 40 mm
- > Weight: 137 g



1090/190

MICROPHONE FOR AUDIO APPLICATIONS

Microphone for audio applications, suitable and compatible with the entire camera range

- > Connectors: Power IN JACK, Power OUT JACK, audio signal RCA
- > Power supply: 12 Vcc ± 10%



3000/505

AMBIENT MICROPHONE FOR AUDIO APPLICATIONS

The microphone has a potentiometer to adjust sensitivity so that the detection can be adapted to the size of the room. In addition, the microphone capsule is separated from the control board and enclosed in a watertight capsule that can also be exposed outdoors.

- > 12VDC power supply
- > 10 mA power consumption
- > Gain Regolabile
- > Frequency response: 200Hz – 10 KHz
- > Out Impedence: 600 ohm
- > Temperature: -25 °C / + 85 °C
- > Humidity: 30 – 90%
- > Dimensions (W x D x H): 40 x 30 x 15 mm
- > Ingress protection: IP40



How to make up an IP system

1.

Select
the **camera**



1080P ↔ 4K

2.

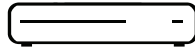
Add
the **accessories**



- Power units
- Junction boxes
- Brackets and adapters
- Keyboards

3.

Select
the **NVR**



1080P ↔ 4K



Web browser



Software for
centralised
management



iUVS pro
App

4.

Add
the **monitor**



1080P ↔ 4K

ACCESSORIES FOR THE NETWORK

EOC

Find out how you can use IP technology
on old systems with Coax. cable infrastructure.

SWITCH








Our range will help you complete
all open architecture systems.

WIRELESS





Urmet video surveillance has no limits:

- full range for professional and residential use
- configuration software developed by Urmet to simplify configuration.






IP Bullet cameras accessories

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	APP / SW COMPATIBILITY
	1099/501A	5M	2.7-13.5 mm	M	STARLIGHT, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO,	iUVS Pro- UVS Pro
	1099/501B	5M	2.8-12mm - V-DECT Plus	M	STARLIGHT, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO,	iUVS Pro- UVS Pro
	1099/401A	5M	2.7-13.5 mm	M	STARLIGHT,SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro- UVS Pro
	1099/403	5M	2.7-13.5 mm	M	FULL COLOR, SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro- UVS Pro
	1099/512	5M	2.8-12mm - V-DECT Plus	M	FULL COLOR, DETERENCE, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO,	iUVS Pro- UVS Pro
	1099/611	8M	2.7-13.5 mm	M	STARLIGHT,SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro- UVS Pro
	1099/502A	5M	5-50 mm	M	STARLIGHT, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO,	iUVS Pro- UVS Pro
	1099/502B	5M	5-50 mm	M	STARLIGHT, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO - V-DECT Plus	iUVS Pro- UVS Pro
	1099/681	5M	2.8 mm		SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT V-DECT Plus	iUVS Pro- UVS Pro

ACCESSORIES COMMON TO ALL CAMERAS

			
1092/801 1200mA plug-in power unit	1092/802 13.2 Vdc DIN rail power unit	1092/803 230 Vac - 12 Vdc - 1000 mA IP66 power unit	1092/804 230 Vac - 12 Vdc - 3A Multi-power unit

REFERENCES









ITEM NO.	JUNCTION BOX COMPATIBILITY			WALL / POLE	
				POLE	POLE
					
	3000/102	3000/108	3000/109	3000/108 + 3000/100	3000/102 + 3000/100
1099/501A	●	●		●	●
1099/501B	●	●			
1099/401A	●	●		●	●
1099/403	●	●		●	●
1099/512	●	●		●	●
1099/611	●	●		●	●
1099/502A	●				●
1099/502B	●				●
1099/681	●	●	●		

V-DECT is a **smart video analysis system** that can generate specific events after a video alarm has been issued. Depending on the models, the following alarm functions are available:





- Line crossing - Removed/abandoned object
- Perimeter - Pedestrian detection - Face detection
- Cross Counting.

V-DECT Plus: the following functions are also available in addition to the V-DECT features:
Heat Map - Face detection/recognition - Human&Veichle classification







IP Bullet cameras

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	APP / SW COMPATIBILITY
	1099/500A	5M	2.8 mm		STARLIGHT	iUVS Pro-UVS Pro
	1099/500B	5M	2.8 mm		SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro-UVS Pro
	1099/400A	5M	2.8 mm		SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro-UVS Pro
	1099/402	5M	2.8 mm		FULL COLOR / SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro-UVS Pro
	1099/511	5M	2.8 mm		DETERRENCE/FULL COLOR / SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro-UVS Pro
	1099/610	8M	2.8 mm		SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro-UVS Pro
	1099/208A	5M	2.8 mm		STARLIGHT, V-DECT, PIR, SIRENA, IN/OUT AUDIO, SLOT SD	iUVS Pro-UVS Pro
	1099/218	2M	2.8 mm		STARLIGHT, V-DECT, PIR, SIRENA, IN/OUT AUDIO, SLOT SD	UVS Pro-UVS Pro

ACCESSORIES COMMON TO ALL CAMERAS

			
1092/801 1200mA plug-in power unit	1092/802 13.2 Vdc DIN rail power unit	1092/803 230 Vac - 12 Vdc - 1000 mA IP66 power unit	1092/804 230 Vac - 12 Vdc - 3A Multi-power unit

REFERENCES

ITEM NO.	JUNCTION BOX COMPATIBILITY			WALL / POLE		
				POLE	POLE	POLE
						
	1092/148	3000/102	3000/108	1092/148 + 3000/100	3000/108 + 3000/100	3000/102 + 3000/100
1099/500A		•	•		•	•
1099/500B		•	•		•	•
1099/400A		•	•		•	•
1099/402		•	•		•	•
1099/511		•	•		•	•
1099/610		•	•		•	•
1099/208A		•	•		•	•
1099/218			•		•	











V-DECT is a **smart video analysis system** that can generate specific events after a video alarm has been issued. Depending on the models, the following alarm functions are available:

- Line crossing - Removed/abandoned object
- Perimeter - Pedestrian detection - Face detection
- Cross Counting.





V-DECT Plus: the following functions are also available in addition to the V-DECT features:

Heat Map - Face detection/recognition - Human&Veichle classification


















Dome IP cameras accessories

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	APP / SW COMPATIBILITY	JUNCTION BOX COMPATIBILITY			
							1092/148	3000/102	1092/149	3000/105
	1093/181M4ZI	4M	2.8-12 mm	M	FOR INDOOR USE, SLOT SD, IN/ OUT ALL, IN/ OUT AUDIO, V-DECT	iUVS Pro-UVS Pro	●			
	1099/551A	5M	2.7-13.5 mm	M	STARLIGHT, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO	iUVS Pro-UVS Pro		●		
	1099/551B	5M	2.8-12	M	STARLIGHT, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO - V-DECT Plus	iUVS Pro-UVS Pro		●		
	1099/461A	5M	2.7-13.5 mm	M	STARLIGHT, SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro-UVS Pro		●		
	1099/464	5M	2.7-13.5 mm	M	FULL COLOR, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO - V-DECT Plus	iUVS Pro-UVS Pro		●		
	1099/542	5M	2.8 12 mm	M	DETERRENCE/FULL COLOR, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO - V-DECT Plus	iUVS Pro-UVS Pro		●		
	1099/552A	5M	2.7-13.5 mm	M	STARLIGHT, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO	iUVS Pro-UVS Pro			●	●
	1099/552B	5M	2.8-12 mm	M	STARLIGHT, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO - V-DECT Plus	iUVS Pro-UVS Pro			●	●
	1099/462A	5M	2.7-13.5 mm		STARLIGHT, SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro-UVS Pro			●	●
	1099/711	8M	2.7-13.5 mm	M	STARLIGHT, SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro-UVS Pro			●	●

ACCESSORIES COMMON TO ALL CAMERAS

 1092/801 1200mA plug-in power unit	 1092/802 13.2 Vdc DIN rail power unit	 1092/803 230 Vac - 12 Vdc - 1000 mA IP66 power unit	 1092/804 230 Vac - 12 Vdc - 3A Multi-power unit
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REFERENCES











ITEM NO.	WALL / POLE / CORNER					
	POLE	POLE	WALL	POLE	ANGOLO	CORNER
						
	 	 	  		  	 
	3000/102 + 3000/100	1092/149 + 3000/100	3000/105 + 3000/104 + 3000/101		3000/105 + 3000/104 + 3000/103	3000/111 + 3000/104
1093/181M4ZI						
1099/551A	•					•
1099/551B	•					
1099/461A	•					•
1099/464	•					•
1099/542	•					
1099/552A		•		•	•	
1099/552B		•				
1099/462A		•		•	•	
1099/711		•		•	•	

V-DECT is a **smart video analysis system** that can generate specific events after a video alarm has been issued. Depending on the models, the following alarm functions are available:





- Line crossing - Removed/abandoned object
- Perimeter - Pedestrian detection - Face detection
- Cross Counting.

V-DECT Plus: the following functions are also available in addition to the V-DECT features:
Heat Map - Face detection/recognition - Human&Veichle classification

Dome IP cameras H.265

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	APP / SW COMPATIBILITY	JUNCTION BOX COMPATIBILITY		
									
	1099/550A	5M	2.8 mm		STARLIGHT	iUVS Pro-UVS Pro		●	●
	1099/550B								
	1099/460A	5M	2.8 mm		SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro-UVS Pro		●	●
	1099/463	5M	2.8 mm		SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro-UVS Pro		●	●
	1099/541							●	●
	1099/710	8M	2.8 mm		SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro-UVS Pro		●	●
	1099/553	5M	2.8 mm		STARLIGHT, SLOT SD, L, IN/OUT AUDIO	iUVS Pro-UVS Pro	●		

ACCESSORIES COMMON TO ALL CAMERAS

			
1092/801 1200mA plug-in power unit	1092/802 13.2 Vdc DIN rail power unit	1092/803 230 Vac - 12 Vdc - 1000 mA IP66 power unit	1092/804 230 Vac - 12 Vdc - 3A Multi-power unit

REFERENCES

ITEM NO.	WALL / POLE / CORNER			
	POLE	WALL	POLE	CORNER
				
	 3000/102  3000/108	 3000/100	   3000/109 + 3000/104 + 3000/101	   3000/109 + 3000/104 + 3000/103
1099/550A	•	•	•	•
1099/550B	•	•	•	•
1099/460A	•	•	•	•
1099/463	•	•	•	•
1099/541	•	•	•	•
1099/710	•	•	•	•
1099/553	•			

WIRED INTRUSION ALARMS











WIRELESS INTRUSION ALARMS

VIDEO SURVEILLANCE





SECURITY KITS

SALES NETWORK


IP special cameras accessories



PRODUCT	ITEM NO.	JUNCTION BOX COMPATIBILITY		WALL / POLE / CORNER			
				POLE	WALL	POLE	CORNER
							
		 3000/106	 3000/107	 3000/106 + 3000/100	 3000/107 + 3000/104 + 3000/101	 3000/107 + 3000/104 + 3000/103	
	1099/680	•	•	•	•	•	•


ACCESSORIES COMMON TO ALL CAMERAS

 1092/801 1200mA plug-in power unit	 1092/802 13.2 Vdc DIN rail power unit	 1092/803 230 Vac - 12 Vdc - 1000 mA IP66 power unit	 1092/804 230 Vac - 12 Vdc - 3A Multi-power unit
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IP BOX cameras accessories










PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORIZED	FUNCTIONS / PLUS	APP / SW COMPATIBILITY
	1093/125M4I	4M			V-DECT, ALL IN/OUT, AUDIO IN/OUT	iUVS plus UVS

ITEM NO.	JUNCTION BOX COMPATIBILITY	WALL / POLE
	 1090/807 + 1090/809 1092/830	 1090/807 + 1090/809 + 1092/832 1092/830 + 1092/832
1093/125M4I	● ●	● ●

ACCESSORIES FOR BOX CAMERAS				
 1092/801 1200mA plug-in power unit	 1092/802 13.2 Vdc DIN rail power unit	 1092/803 230 Vac - 12 Vdc - 1000 mA IP66 power unit	 1092/804 230 Vac - 12 Vdc - 3A Multi-power unit	 1090/190 Microphone

 1092/731A Video isolation transformer	 1092/506 IR varifocal lens. 2.8-12 mm 3M	 1092/507 IR varifocal lens. 5-50 mm 3M	 1092/895 IR LED 50 m illuminator	 1092/896 IR LED 70 m illuminator
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Speed Dome IP cameras accessories

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	JUNCTION BOX COMPATIBILITY	WALL / POLE	CEILING	ANGLE
					  3000/146 3000/147	  3000/146 + 3000/147	 3000/143	  3000/146 + 3000/145
	1099/391	2M	4x	M				
	1099/386				•	•	•	•

SPEED DOME ACCESSORIES



1093/701
Multifunction
keyboard



WIRED INTRUSION ALARMS








WIRELESS INTRUSION ALARMS

VIDEO SURVEILLANCE





SECURITY KITS

SALES NETWORK






Wi-Fi IP cameras

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	APP / SW COMPATIBILITY
	1099/214	2M	2.8 mm		SLOT SD, MOTION DETECTOR, AUDIO IN/OUT	V-Stream - Secure - Yno
	1099/214B	3M	2.8-12 mm	M	SLOT SD, MOTION DETECTOR, AUDIO IN/OUT	V-Stream - Secure
	1099/216	2M	2.8-12 mm	M	SLOT SD, MOTION DETECTOR, AUDIO IN/OUT	V-Stream - Secure
	1099/216B	3M	2.8-12 mm	M	SLOT SD, MOTION DETECTOR, AUDIO IN/OUT	V-Stream - Secure
	1099/212	2M	2.8-12 mm	M	4G, SLOT SD, MOTION DETECTOR, AUDIO IN/OUT	V-Stream - Secure
	1099/212B	3M	2.8-12 mm	M	4G, SLOT SD, MOTION DETECTOR, AUDIO IN/OUT	V-Stream - Secure
	1093/182WM1A	720P	2.8-12 mm	M		V-Stream

ACCESSORIES COMMON TO ALL CAMERAS

			
1092/801 1200mA plug-in power unit	1092/802 13.2 Vdc DIN rail power unit	1092/803 230 Vac - 12 Vdc - 1000 mA IP66 power unit	1092/804 230 Vac - 12 Vdc - 3A Multi-power unit

REFERENCES

ITEM NO.	JUNCTION BOX		WALL / POLE		
			POLE	POLE	POLE
	 1092/148	 3000/110	 1092/148 + 3000/100	 1092/148 + 1092/147 + 3000/100	 3000/110 + 3000/100
1099/214		•			•
1099/214B		•			•
1099/216		•			•
1099/216B		•			•
1099/212		•			•
1099/212B		•			•
1093/182WM1A	•		•	•	

WIRED INTRUSION ALARMS




WIRELESS INTRUSION ALARMS




VIDEO SURVEILLANCE

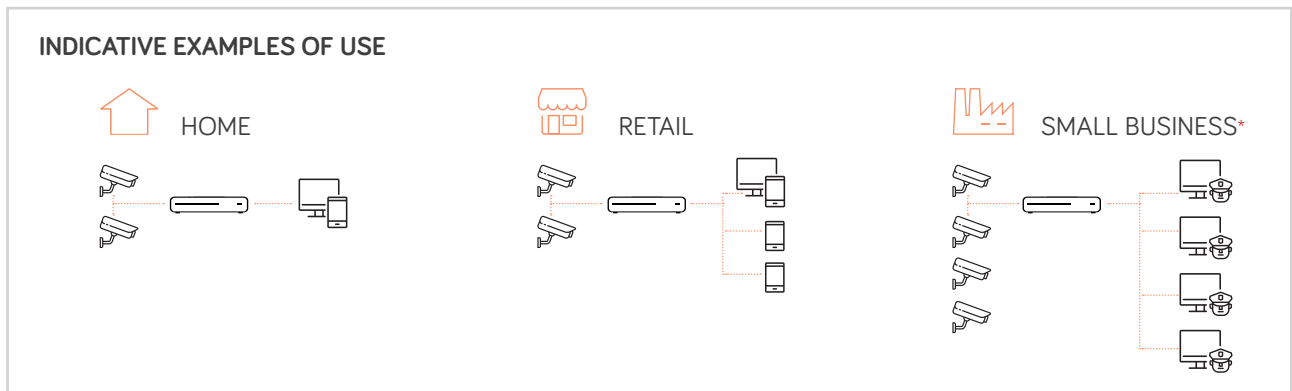
SECURITY KITS

SALES NETWORK

IP NVR

PRODUCT	ITEM NO.	RESOLUTION	APP / SW COMPATIBILITY	VIDEO CHANNELS	POE	HD
	1098/324P	8M	iUVS Pro - UVS Pro	4	4-CHANNEL POE	1 TB INCLUDED
	1098/328P	8M	iUVS Pro Urmet Secure UVS Pro	8	8-CHANNEL POE	2 TB INCLUDED
	1098/334	8M	iUVS Pro - UVS Pro	32	-	2 TB INCLUDED
	1098/326P	8M	iUVS Pro - UVS Pro	16	16-CHANNEL POE	2 TB INCLUDED

ITEM NO.	BAND	FUNCTIONS / PLUS	SUGGESTED APPLICATIONS
1098/324P	50/65 Mbps	V-DECT CONFIGURATION, SIMPLIFIED MENU, P2P EASY CONNECTION, EXTERNAL E-SATA, FISH-EYE MANAGEMENT AND CONFIGURATION	
1098/328P	128/128 Mbps		
1098/334	640/640 Mbps	V-DECT CONFIGURATION, SIMPLIFIED MENU, P2P EASY CONNECTION, EXTERNAL E-SATA, FISH-EYE MANAGEMENT AND CONFIGURATION	
1098/326P	112/96 Mbps	V-DECT CONFIGURATION, SIMPLIFIED MENU, P2P EASY CONNECTION, EXTERNAL E-SATA, FISH-EYE MANAGEMENT AND CONFIGURATION	



* Namely: cameras with maximum resolution, maximum frame rate and various permanent displaying stations.

How to make up an AHD system

1.

Select the **camera**



1080P ↔ 5M

2.

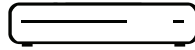
Add the **accessories**



- Power units
- Video transmission
- Junction boxes
- Brackets and adapters
- Keyboards
- IR illuminators

3.

Select the **HVR**



1080N ↔ 4K



Web browser



Software for centralised management



iUVS pro App








4.






Add the **monitor**










1080P ↔ 4K

AHD Bullet cameras

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	JUNCTION BOX			
						1092/148	3000/110	3000/108	3000/109
	1096/212	2M	2.8-12 mm	M					
	1096/406	5M	2.8-12 mm	M	WDR-120dB				
	1096/407		6-22 mm						
	1092/252H	2M	5-50 mm	M					
	1096/210	2M	2.8 mm						
	1096/405	4M	2.8 mm		WDR-120dB				
	1096/203	2M	3.6 mm		PIR				

ACCESSORIES COMMON TO ALL CAMERAS				
 1092/801 1200mA plug-in power unit	 1092/802 13.2 Vdc DIN rail power unit	 1092/803 230 Vac - 12 Vdc - 1000 mA IP66 power unit	 1092/804 230 Vac - 12 Vdc - 3A Multi-power unit	 1092/300A TX/RX passive Balun

 1092/301A TX/RX passive Balun with power supply	 3000/050 Balun for AHD 2M and 4M for long distances	 1090/190 Microphone	 3000/505 Professional microphone	 1092/731A Video isolation transformer	 1090/732 Data / Video protection
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ITEM NO.	WALL / POLE		
	POLE	POLE	POLE
	  1092/148 + 3000/100	  3000/110 + 3000/100	  3000/108 + 3000/100
1096/212		•	
1096/406		•	
1096/407		•	
1092/252H	•		
1096/210		•	
1096/405		•	
1096/203			•

WIRED INTRUSION ALARMS






WIRELESS INTRUSION ALARMS






VIDEO SURVEILLANCE







SECURITY KITS

SALES NETWORK













AHD Dome cameras

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORIZED	FUNCTIONS / PLUS	JUNCTION BOX			
						1092/148	3000/110	3000/108	3000/109
	1096/312	2M	2.8-12 mm	M		●			
	1096/506	5M			WDR-120dB	●			
	1096/507	5M	2.8-12 mm	M	WDR-120dB	●			
	1096/310	2M	2.8 mm				●		
	1096/505	5M			WDR-120dB			●	
	1096/303	2M	3.6 mm		PIR			●	●
	1092/276HA	2M	3.6 mm		140° LENS	●			

ACCESSORIES COMMON TO ALL CAMERAS				
				
1092/801 1200mA plug-in power unit	1092/802 13.2 Vdc DIN rail power unit	1092/803 230 Vac - 12 Vdc - 1000 mA IP66 power unit	1092/804 230 Vac - 12 Vdc - 3A Multi-power unit	1092/300A TX/RX passive Balun

					
1092/301A TX/RX passive Balun with power supply	3000/050 Balun for AHD 2M and 4M for long distances	1090/190 Microphone	3000/505 Professional microphone	1092/731A Video isolation transformer	1090/732 Data / Video protection

REFERENCES

ITEM NO.	WALL / POLE						
	POLE	POLE	POLE	WALL	POLE	WALL	POLE
							
	 1092/148 + 3000/100	 3000/110 + 3000/100	 3000/108 + 3000/100	 1092/148 + 1092/147 + 3000/100	 3000/109 + 3000/104 + 3000/100		
1096/312	●				●		
1096/506	●				●		
1096/507	●				●		
1096/310		●					
1096/505		●					
1096/303			●			●	
1092/276HA	●				●		

WIRED INTRUSION ALARMS


WIRELESS INTRUSION ALARMS







VIDEO SURVEILLANCE








SECURITY KITS

SALES NETWORK








AHD special cameras






PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS
	1096/204	1080P	3.6 mm		STARLIGHT, FOR INDOOR USE
	1092/258H	1080P	3.6 mm		STARLIGHT, FOR INDOOR USE

ACCESSORIES FOR SPECIAL CAMERAS					
					
1092/801 1200mA plug-in power unit	1092/802 13.2 Vdc DIN rail power unit	1092/803 230 Vac - 12 Vdc - 1000 mA IP66 power unit	1092/804 230 Vac - 12 Vdc - 3A Multi-power unit	1092/300A TX/RX passive Balun	1092/301A TX/RX passive Balun with power supply



						
3000/050 Balun for AHD 2M and 4M for long distances	1090/190 Microphone	3000/505 Professional microphone	1092/731A Video isolation transformer	1090/732 Data / Video protection	1092/895 IR LED 50 m illuminator	1092/896 IR LED 50 m illuminator

AHD Speed Dome cameras

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORIZED	JUNCTION BOX	WALL / POLE	HANGING		ANGLE
					 1092/708	 1092/708 + 3000/101	 1092/711	 1092/710	 1092/708 + 3000/103
	1092/605	2M	10x	M	●	●	●		●
	1092/679	2M	20x	M	●	●		●	●

SPEED DOME ACCESSORIES				
 1092/300A TX/RX passive Balun	 1092/301A TX/RX passive Balun with power supply	 3000/050 Balun for AHD 2M and 4M for long distances	 1092/709 Alarm board	 1092/621 Keyboard for Speed Dome

AHD HVR

PRODUCT	ITEM NO.	RESOLUTION	APP / SW COMPATIBILITY	VIDEO CHANNELS	HD
	1097/574	5M lite	iUVS pro - UVS pro	4	1 TB INCLUDED
	1097/578	5M lite	iUVS pro - UVS pro	8	1 TB INCLUDED
	1097/576	5M lite	iUVS pro - UVS pro	16	1 TB INCLUDED
	1097/624	8M	iUVS pro - UVS pro	4	1 TB INCLUDED
	1097/628	8M	iUVS pro - UVS pro	8	1 TB INCLUDED
	1097/626	8M	iUVS pro - UVS pro	16	1 TB INCLUDED

REFERENCES

ITEM NO.	PLUS FUNCTIONS	AHD CAMERA COMPATIBILITY	CAMERA COMPATIBILITY IP*
1097/574	HYBRID CVBS-AHD-IP / E-SATA / ONVIF	5M - 4M - 1080P - 720P	4M - 2M - 720P
1097/578	HYBRID CVBS-AHD-IP / E-SATA / ONVIF		
1097/576	HYBRID CVBS-AHD-IP / E-SATA / ONVIF		
1097/624	HYBRID CVBS-AHD-IP / E-SATA / ONVIF	8M - 5M - 4M - 1080P - 720P	8M - 5M - 4M - 1080P - 720P
1097/628	HYBRID CVBS-AHD-IP / E-SATA / ONVIF		
1097/626	HYBRID CVBS-AHD-IP / E-SATA / ONVIF	8M - 5M - 4M - 1080P - 720P	8M - 5M - 4M - 1080P - 720P

* Requires a calculation of the band



Security kits

1068 intrusion alarm system

The new intrusion alarm system 1068 is the best solution to create small, medium and large size systems. It is easily scalable and meets all market needs. It consists of **three control unit models** that allow installations in small, medium and large sites, ranging from residential to office building applications. The 1068/005A control unit has **5 inputs expandable up to 21, with 4 partialisation zones**; the 1068/010A control unit allows the management of **10 inputs expandable up to 66, distributable over 8 partialisation zones**; the 1068/015 control unit allows the management of **10 inputs expandable up to 122, distributable over 8 partialisation zones**.

The system can manage both wired and wireless devices and integrate video surveillance products that can be controlled

locally and remotely via smartphones and tablets.

This is a **multilingual, EN50131**-certified system that is able to handle **emergency calls** and transmit numeric protocols to security service providers.

The communication media used are several: in fact, the 1068 System can communicate via IP protocol (Wi-Fi and Ethernet) or use the GSM network.

The system is programmed and configured either via the keypad or via the **1068SET** application, a simple and intuitive Android Tablet App for installers.

The control devices for the user are: the keypad, proximity key readers, electronic key readers, the time scheduler and the **Urmet Secure** application.



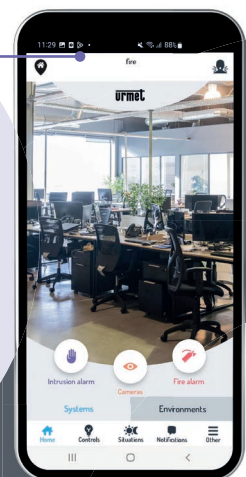
THE APPLICATION ALLOWS YOU TO

- > Acquire the control unit automatically or via QR code
- > Associate CCTV devices with alarm system zones
- > Activate, deactivate and split the system
- > Display images after an alarm event has taken place
- > Display information on the status of: alarms, zones (open/closed/excluded), tampering, fault, malfunction, activation/deactivation.
- > Manage event push notifications
- > Geolocation



URMET SECURE

The new free App allows controlling your alarm system in a simple and user-friendly way via **smartphone or tablet**. It is possible to display the status of the system and activate or deactivate it totally or partially. **Not only intrusion alarm, but also video surveillance.**



1068 SET: programming and configure easily

The system is programmed and configured either by keyboard or through the **application 1068SET**, an App for Android Tablet, simple and intuitive, dedicated to installers.

The **user command controls** are: the keyboard, proximity key readers, electronic key readers, the time programmer and the Urmet Secure application.

1068 KIT

1068/902

HOME BASIC WIRED INTRUSION KIT,1068

The kit includes:

- > no. 1 item no. 1068/005A - Multifunction BUS control unit with 5/21 inputs
- > no. 1 item no. 1068/021 - LCD keypad
- > no. 1 item no. 1068/013 - IP Interface (Ethernet and WiFi)
- > no. 3 item no. 1033/132 - Dual technology detector
- > no. 1 item no. 1033/414 - Self-powered outdoor sounder
- > no. 1 item no. 1033/417 - Protection grille

1068/904

HOME PREMIUM WIRED INTRUSION KIT, 1068

The kit includes:

- > no. 1 item no. 1068/005A - Multifunction BUS control unit with 5/21 inputs
- > no. 1 item no. 1068/021 - LCD keypad
- > no. 1 item no. 1068/013 - IP Interface (Ethernet and WiFi)
- > no. 1 item no. 1068/458 - GSM/GPRS module with vocal synthesis
- > no. 3 item no. 1033/132 - Dual technology detector
- > no. 1 item no. 1033/414 - Self-powered outdoor sounder
- > no. 1 item no. 1033/417 - Protection grille

1068/906

HOME PROFESSIONAL WIRED INTRUSION KIT, 1068

The kit includes:

- > no. 1 item no. 1068/010A - Multifunction BUS control unit with 10/66 inputs
- > no. 1 item no. 1068/021 - LCD keypad
- > no. 1 item no. 1068/013 - IP Interface (Ethernet and WiFi)
- > no. 1 item no. 1068/458 - GSM/GPRS module with vocal synthesis
- > no. 2 item no. 1033/132 - Dual technology detector
- > no. 2 item no. 1033/119 - Joint for detectors
- > no. 1 item no. 1033/414 - Self-powered outdoor sounder
- > no. 1 item no. 1033/417 - Protection grille

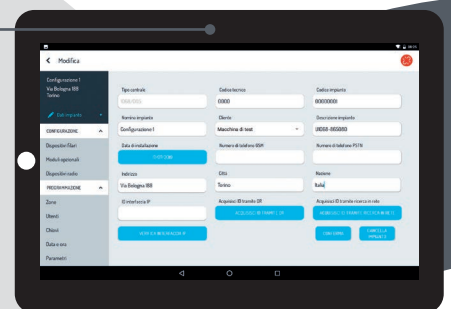
THE APPLICATION ALLOWS YOU TO

- > Language selection
- > Full system programming
- > Management of Customers' information and systems
- > Backup/Restore of control unit configuration with configurations saved on the Clouds or SD Card
- > Control unit log reading
- > System Activation/Deactivation
- > Users and Keys Activation/Deactivation
- > System monitoring: verification of the overall status of the system, its devices and peripherals
- > Notification in case of absence of keep alive by the Cloud
- > Push notifications
- > Possibility for the installer to start a system diagnosis to check system statuses and faults

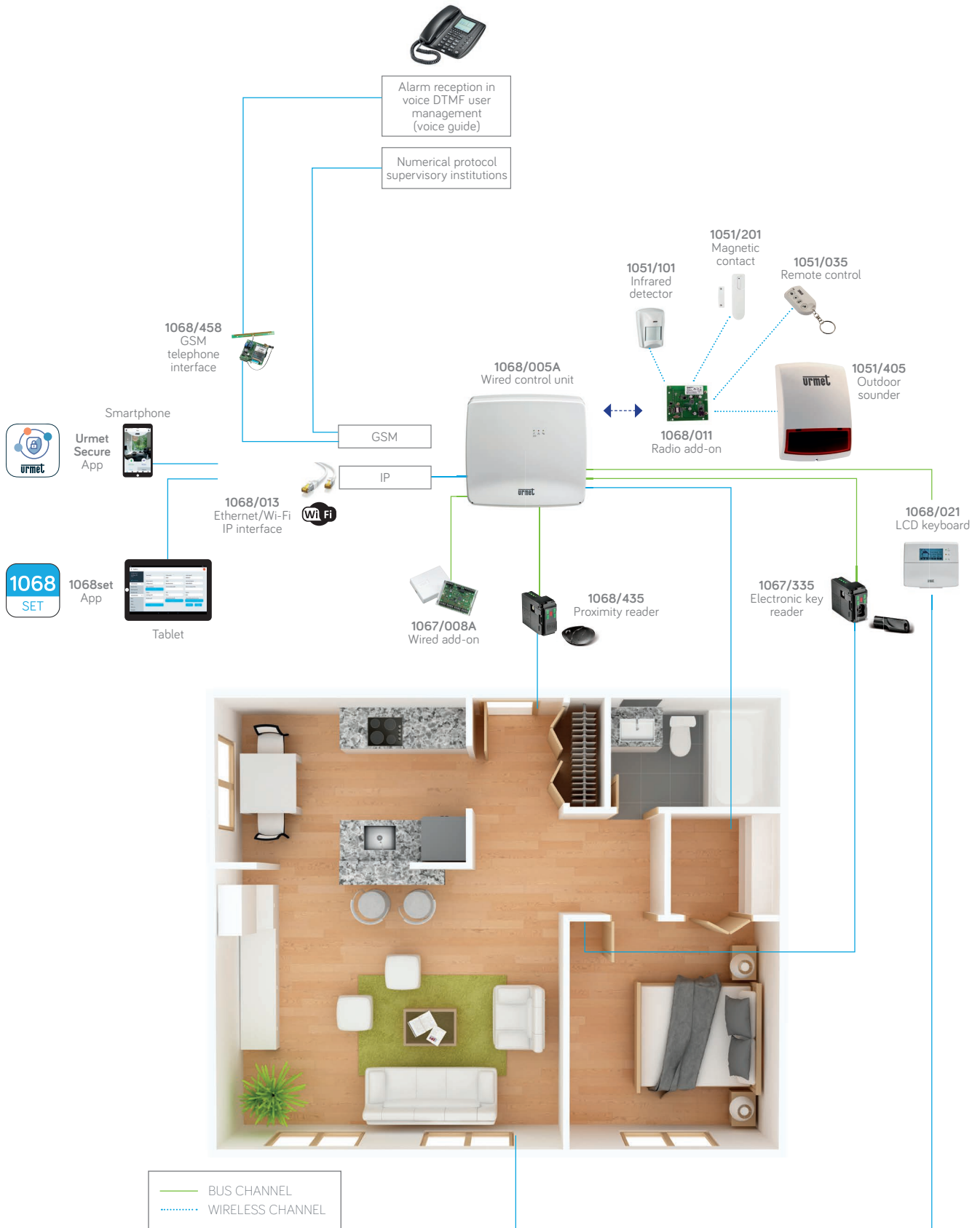
1068
SET

1068SET

Is the application that allows installers to **easily and quickly programme and configure intrusion alarm systems** built with 1068 control units.



1068 application diagram



WIRED INTRUSION ALARMS

WIRELESS INTRUSION ALARMS

VIDEO SURVEILLANCE

SECURITY KITS

SALES NETWORK

Zeno Pro intrusion kit: security at your fingertips

From today, **Zeno Pro** is even more powerful: the new wireless intrusion alarm solution is available with **IP and 4G** communicator to send high-speed data in case of an alarm and integrated **Wi-Fi** connection to programme and manage the system locally. Zeno Pro is fully bi-directional; the devices constantly communicates with the control unit to confirm the accuracy of transmitted data.

Video verification and remote management are some of the functions most popular with users. Zeno Pro's flexibility is an effective response to alarm systems that need flexibility of use: 3 zones that can be partialised, 80 freely associated radio devices, 20 configurable users, 6 devices with camera and up to 3 photos that can be

recorded during and after each alarm event.

Programming is very simple thanks to the automatic recognition of the peripherals by the control unit: simply press a button on the device to be acquired.

Connectivity is one of the fundamental elements of Zeno Pro security: it sends voice alarms, text messages, images, emails and numeric protocols.

Security is one of Zeno Pro's key characteristics.

The Anti-Jamming function (which detects radio frequency interference), the measurement of any wireless signal present in the field and the supervision of other devices are the vital features of a product that complies with **EN50131** certifications.



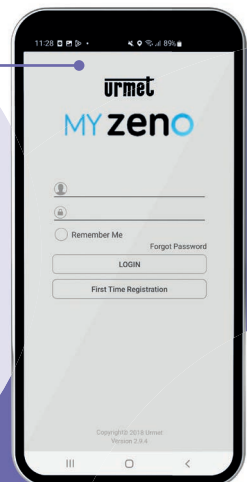
THE APPLICATION ALLOWS YOU TO

- > Activate, deactivate and split the system
- > Display the status of the devices in the system
- > Display the images of an alarm event or on request
- > Exclude and/or restore single devices
- > Display the event log
- > Change passwords
- > Change users' codes
- > Configure e-mails and push notifications to which the reports are to be sent



MYZENO

The **new free App** allows you to control your alarm system in a simple and userfriendly way via **smartphone or tablet**. It is possible to display the status of the system and activate or deactivate it totally or partially. **Not only intrusion alarm, but also video surveillance.**



Zeno Pro application diagram



ZENO PRO KIT

1051/921

WIRELESS ZENO PRO 1051 ANTI-INTRUSION KIT WITH BUILT-IN 4G/IP/WIFI COMMUNICATOR AND SPEECH SYNTHESIS

The kit includes:

- > no. 1 item no. 1051/020 - Management control unit with integrated 4G/IP/Wifi communicator
- > no. 1 item no. 1051/201 - Magnetic contact
- > no. 1 item no. 1051/101 - Passive infrared detector
- > no. 1 item no. 1051/035 - Remote control

Video surveillance IP kits

IP kits include **everything you need to create a basic videosurveillance system.**

Can be used as a starting point for creation

of projects requiring high definition images (homes, shops, schools, nursing homes, etc.).



FEATURES

- > Dual codec H.265/H.264
- > Starlight cameras
- > 4K video output /4K video input
- > P2P
- > Urmet DDNS
- > Software-compatible UVS management and iUVS pro App
- > Dual power with external power supply or PoE



High resistance to external agents



Easy to set-up



Remote management

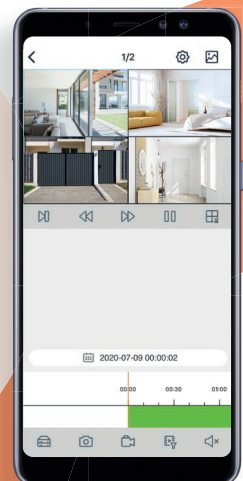


HDD included



APP IUVS PRO

An App for your customers: simple, fast, useful. With the iUVS pro App Access via smartphone and tablet to all functions of NVR, HVR and IP cameras Urmet.



REFERENCES

IP 5M VIDEO SURVEILLANCE KIT

1098/854

IP KIT, 4CH NVR, 4 POE PORTS, 5M ECO CAMERAS, BUILDING&RETAIL

The kit includes:

- > no. 1 item no. 1098/324P - 4-channel 4K NVR H.265 PoE
- > no. 2 item no. 1099/500A - IP 5M bullet camera, 3,6 mm fixed lens
- > no. 2 item no. 3000/108 - Small size junction box
- > no. 1 item no. 3000/884 - Privacy signs



1098/858

IP KIT, 8CH NVR, 8 POE PORTS, 5M ECO CAMERAS, BUILDING&RETAIL

The kit includes:

- > no. 1 item no. 1098/328P - NVR 4K 8 canali H.265 PoE
- > no. 2 item no. 1099/501A - IP 5M bullet camera, 2,7-13,5 mm motorised lens
- > no. 2 item no. 3000/108 - Small size junction box
- > no. 1 item no. 3000/884 - Privacy signs



IP WI-FI 2M VIDEO SURVEILLANCE KIT

1098/820

WIFI IP KIT, 8CH NVR, 2M WIFI DETERRENCE CAMERAS

The kit includes:

- > no. 1 Wi-Fi 8-channel H.265 NVR
- > no. 2 item no. 1099/218 Wi-Fi 2M IP bullet camera with 3.6 mm fixed lens with deterrence effect



1098/820 KIT ACCESSORIES

1099/218

IP 2M, FIXED 2.8MM, BULLET WIFI CAMERA, BUILDING&RETAIL

Easy to install and configure, the 1098/820 kit is the best solution for residential and small business.

- > Sensor: 2.0 MegaPixel 1/2.7" Color CMOS
- > Sensitive elements: 1920 pixel (H) x 1080 pixel (V)
- > Lens: 3,6 mm
- > Resolution: 1080p@15fps
- > IR CUT FILTER
- > Synchronization: Internal
- > Shutter control: 1/25 ~ 1/10.000 sec (AUTO)
- > Back-lighting compensation: AUTO
- > White balancing: AUTO
- > Gain control: AUTO
- > Sensitivity: 0,03 Lux @(F1.2,AGC ON) - 0 LUX IR ON
- > LED number: 10pcs
- > Range: 12 m
- > Power supply: 12 VCC (+/-10%)
- > Max consumption: ≤ 5.52W
- > Connectors: Power jack + button for pairing camera to WiFi NVR
- > Protection grade: IP66
- > Operating temperature range: -10 to +50 °C
- > Dimensions (Ø x W): 69.3 x 142.3 mm
- > Weight: 345 g



3000/108

JUNCTION BOX, SMALL SIZE

- > Dimensions (Ø x H): 100.5 x 56 mm
- > Weight: 300 g



Video surveillance AHD kits

AHD kits are **ideal for applications that use the video stream transmission through coaxial cable.** They are particularly recommended for updating

of old CCTV systems, thanks to the possibility of hybrid HVR to manage and videorecord simultaneously Next-generation analog, AHD and IP cameras.



FEATURES

- > P2P
- > Urmet DDNS - iUVS pro App
- > Coax PTZ - OSD Coax UTC
- > HD 1 Tb included
- > IP cameras management



Hybrid solution
(CVBS-AHD- CVI-
TVI-IP)



Easy to
set-up



Remote
management

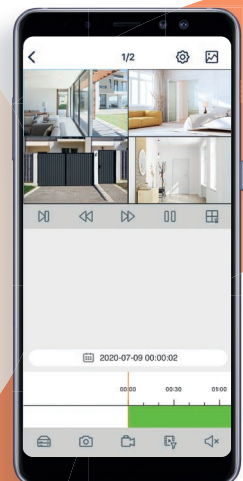


HDD
included



APP IUVS PRO

An App for your customers: simple, fast, useful. With the iUVS pro App Access via smartphone and tablet to all functions of NVR, HVR and IP cameras Urmet.



REFERENCES

AHD 2M VIDEO SURVEILLANCE KIT

1097/814

AHD KIT 5M 4CH HVR, 2M ECO CAMERAS, BUILDING&RETAIL

The kit includes:

- > no. 1 item no. 1097/574 - 4-channel HVR, L series, 5M lite
- > no. 2 item no. 1096/210 - Bullet camera, ECO series, AHD, 2M 2,8 mm fixed lens
- > no. 2 item no. 1092/803 - Power supply 12 Vdc IP66 - 1A
- > no. 2 item no. 3000/884 - Privacy signs



1097/818

AHD KIT 5M 8CH HVR, 2M ECO CAMERAS, BUILDING&RETAIL

The kit includes:

- > no. 1 item no. 1097/578 - 8-channel HVR, L series, 5M lite
- > no. 2 item no. 1096/212 - AHD bullet camera, 2M AF 2.8-12 mm lens
- > no. 2 item no. 1092/803 - Power supply 12 Vdc IP66 - 1A
- > no. 2 item no. 3000/884 - Privacy signs



Code index

Code	P.	Code	P.	Code	P.	Code	P.
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1033/803	34	1092/149	96	1099/463	57	3000/492	105
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