

VIDEO SURVEILLANCE
CATALOGUE
BUILDING & RETAIL
2022

IP SOLUTIONS
AHD SOLUTIONS

IF YOU LOVE YOUR BUILDING



urmet

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URMET GROUP

Communication, security
and smart-home systems.
All around the world.

Urmec Group means integration of expertise and international dimensions, to offer global solutions to its partners. Born in Italy, the Group was able to develop internationally and now it has a significant presence on the world market. The companies of the Urmec Group offer integrated solutions for **home automation, video door phone systems, intrusion alarm, fire alarm, access control, video surveillance** and **telephony for buildings**.

From private homes to town redevelopment planning, up to large public infrastructures, **Urmec Group** offers a complete range of products and services, aiming at being a global partner for its full and thorough know-how, industrial skills, product quality and service efficiency.

Video door phone and
access control systems

Smart Home

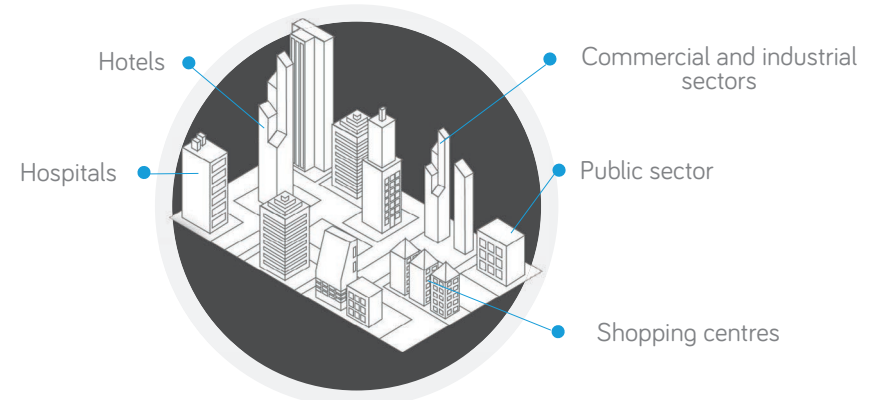
Wiring systems

Intrusion alarm systems

CCTV

Gate automation

Residential & Buildings



Specific applications

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.



urmet.com

All Urmet products bear the mark

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 PRO and 4K 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.
- **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 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.



Applications

The **smart image analysis** allows extended applications and solutions in vertical markets:

- SCHOOL DISTRICTS
- RETIREMENT HOMES AND HOSPITALS
- PARKING LOTS
- TRAVEL AND TRAFFIC IN THE CITY AND SUBURBAN AREAS
- SERVICE AREAS
- RETAIL
- INDUSTRIAL SPACES
- AIRPORTS

A single software for all products

UVS pro (Urmec 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 Urmec UVS pro work?

- **Connection:** through the LAN integrated port, the DVRs or NVRs connect to the Internet.
- **Setup:** on the Urmec 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 Urmec UVS pro.
- **Visualisation:** through the UVS pro client it is possible to connect to the remote devices.

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 Urmec UVS pro, the security manager can centralise the displaying of all these systems.

Why should you choose Urmec UVS pro?

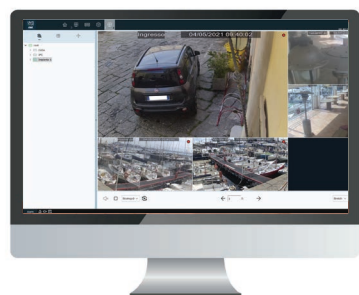
- Each UVS Client controls several devices
- It centralises remote systems
- It is easily integrated with different systems
- It works with all Urmec DVRs/NVRs
- It is included in all Urmec devices
- It is easy to configure/use
- **It supports all the connecting modes to devices:** ID P2P, ID Urmec DDNS,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



THE PLUS OF UVS PRO

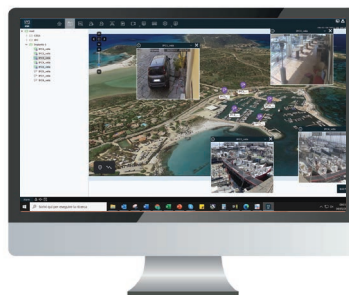
- Zero upgrade costs
- Complete technological retrofit
- Simple installation
- Easy integration
- Included in all Urmec systems





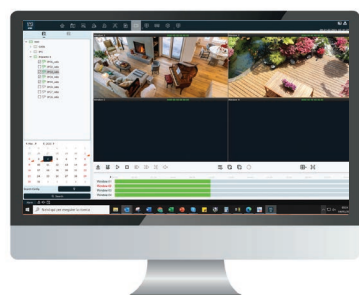
Live Function*

Up to 128 video streams on just one multiscreen grid coming from various systems. Displaying can be arranged through a simple drag&drop on four different screens.



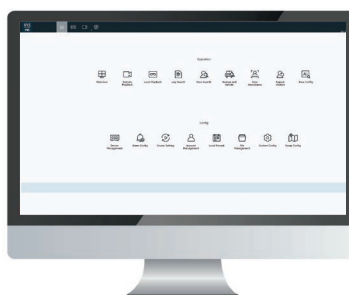
Interactive graphic map

Interactive graphic map function: Camera POP-UP.



Playback Function

For each connected stream, it is possible to remotely display on-demand the playback of recorded images.



Alarm Management

The system manages all the alarms through a simple control panel.



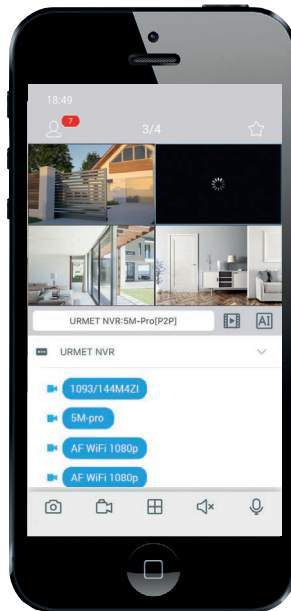
* The number of visualisations per monitor depends on the video stream settings (bit rate, frame rate, resolution) and on the performance of the PC workstation used. For installations with a large number of cameras, please contact the Urmet Customer Service.

Video surveillance Apps

Easy, quick, useful

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

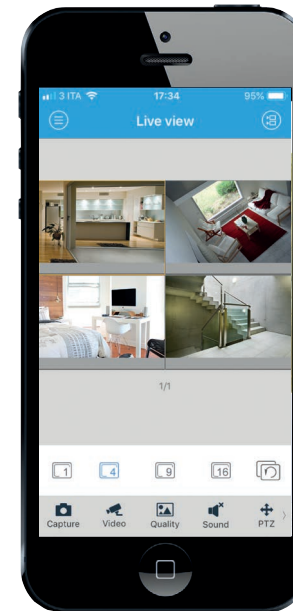
- **iUVS pro App:** the new App extends the performance of the iUVS plus App, allowing full remote configuration of NVR-HVR devices-IP cameras as well as the management and use of video analysis and face recognition functions.
- **V-Stream App:** designed exclusively for smart home wireless video surveillance solutions. Intuitive, simple and complete, the V-Stream App allows total remote camera management and configuration.
- **Urmet Secure App:** a unique and complete solution for the remote control of Urmet intrusion alarm and video surveillance systems.



iUVS pro Professional management

Main functions:

- > Autosense icons for device management
- > Audio/video Multi-channel Live Stream
- > Multi-channel remote Playback
- > Local playback
- > Portrait and landscape mode
- > PTZ
- > Capture Image and Video
- > Multi-device support
- > Fisheye camera management
- > Remote device configuration
- > Management of Video Analysis functions
- > Advanced management for real-time face search and comparison
- > Management of deterrence functions
- > Integrated manual

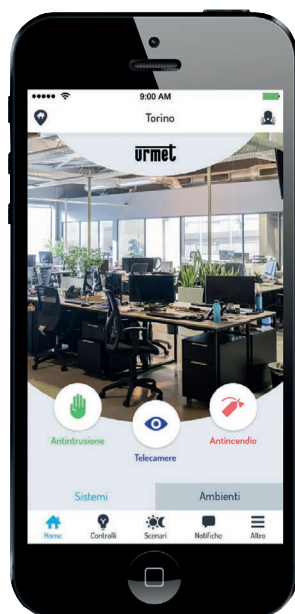


V-Stream Smart camera management

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



Urmet Secure

Video surveillance, fire 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.

The **Fire Alarm function** allows you to:

- > acquire the control unit automatically or via QR code
- > view system status
- > view information on alarms, warnings, faults
- > view the status of lines and zones
- > manage event push notifications
- > associate video surveillance devices with fire alarm system zones.



IP Solutions

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
4K cameras



PRO series
5M cameras



ECO series
5M cameras



4M
cameras



2M
cameras



PTZ
units



Wi-Fi
cameras



4K
NVR

PRIME SERIES 4K CAMERAS - STARLIGHT



Item no.	1099/610	1099/611	1099/710	1099/711
Resolution	8MP (4K) - 3840(H) × 2160(V)			
Recording Fps	50Hz:25fps@8MP, 5MP, 4MP, 3MP, 2MP, 960P, 720P, VGA, QVGA - 60Hz:30fps@8MP, 5MP, 4MP, 3MP, 2MP, 960P, 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)	~ 30 m	~ 45 m	~ 30 m	~ 45 m
Sensitivity (lux)	Color 0.1 lux @ F1.2(AGC ON); B/W 0 lux @ IR ON			
Video Functions	Defog- ROI, Smart IR, image and Video transfer on FTP, IP Conflict,, CloudDropBox (images only), 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
Alarm in /out	-	1 input / 1 output	-	1 input / 1 output
Video Analysis	V Dect: line crossing - Perimeter - Removed/abandoned object, Face detection, Human&Veichle classification, Heat Map			
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	IP66			IP 66 - 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

PRO SERIES 5M CAMERAS - STARLIGHT



Item no.	1099/400A	1099/401A	1099/460A	1099/461A	1099/462A
Resolution	5MP - 2592(H) x 1944(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	~ 45m
Sensitivity (lux)	Color 0.05lux @ F1.2(AGC ON); B/W 0 lux @ IR ON				
Video Functions	Defog- ROI, Smart IR, image and Video transfer on FTP, IP Conflict, CloudDropBox (images only), 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	V Dect: line crossing - Perimeter - Removed/abandoned object, Face detection, Human&Veichle classification, Heat Map				
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)	70 x 70 x 150 mm	239.5 x 89 x 86.5 mm	100 x 95 mm	136 x 140 mm	147 x 110 mm

ECO SERIES 5M CAMERAS - STARLIGHT



Item no.	1099/500A	1099/501A	1099/502A	1099/208A
Resolution	5MP - 2592(H) x 1944(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)	Color 0.05lux @ F1.2(AGC ON); B/W 0 lux @ IR ON			
Video Functions	Defog, Smart IR, image transfer on FTP, IP Conflict, Storage Error, Cloud, P2P, Disable IR and B/W schedule			
WDR	D-WDR			
Day & Night	Mechanical filter with auto switch			
Audio in /out	Integrated microphone	1 input / 1 output	1 input / 1 output	Integrated microphone + Speaker (For voice and sounder)
Alarm in /out	-	1 input / 1 output	1 input / 1 output	-
Video Analysis	-	-	-	-
SD card slot	Yes, max 256 GB			
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

ECO SERIES 5M CAMERAS - STARLIGHT



Item no.	1099/550A	1099/551A	1099/552A	1099/553
Resolution	5MP - 2592(H) x 1944(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)			Mainstream (default 15fps/5MP): 5MP (2592x1944),4MP (2592x1520), 3MP (2304x1296) (2048x1535), 1080P (1920x1080), 960P (1280x960), 720P(1280x720) Substream (default 10fps): VGA (640x480), QVGA (320x240)
Lens	Fixed 2.8 mm	Motorised 2.7 - 13.5 mm		2.8 mm
Field of vision	Horizontal: 99°, Vertical: 72°, Diagonal: 131°	Horizontal: 101 ~ 31°, Vertical: 71 ~ 23°, Diagonal: 138 ~ 38°		H.FOV: 92°
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 (Main profile)/ H.264/MJPEG
No. of IR LEDs / Lighting distance (m)	2 pcs (SMD) / up to 30 m	4 pcs (SMD) / up to 45 m	20 pcs IR / 40 m	12 pcs (DIP) /10 m
Sensitivity (lux)	Color 0.05lux @ F1.2(AGC ON); B/W 0lux @ IR ON		Color 0.01lux @ F1.2(AGC ON); B/W 0lux @ IR ON	Color 0.05lux @ F1.2(AGC ON); B/W 0lux @ IR ON
Video Functions	Defog, Smart IR, image transfer on FTP, IP Conflict, Storage Error, Cloud, P2P, Disable IR and B/W schedule			
WDR	D-WDR			
Day & Night	Mechanical filter with auto switch			
Audio in /out	Integrated microphone	1 input / 1 output	1 input / 1 output	Integrated microphone
Alarm in /out	-	1 input / 1 output	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)	2.1W(D) / 5.3W(N)	2.3W(D) / 6.5W(N)	2.2W(D) / 4.3W(N)	≤ 5W
IP-IK protection class	IP66		IP66 - IK10	
ONVIF	ONVIF (Profile S/G/T)			Ver 18.06
Operating conditions	-30 ~ +60 °C/ less than ≤ 95% RH			-20 °C ~ 50 °C
Dimensions (W x H x D or Ø x H)	100 x 95 mm	136 x 140 mm	147 x 115 mm	120 x 64 mm

ECO SERIES 5M CAMERAS - STARLIGHT



Item no.	1093/187C	1093/186BN
Resolution	5MP - 2160(H) x 2160(V)	
Recording Fps	Mainstream (1-30fps optional) 2160x2160,1520x1520, 1080x1080, 720x720. Substream (1-30fps optional) 720x720,480x480 240x240. Mobilestream (1-30fps optional) 480x480, 240x240	
Lens	Fish Eye	Fish Eye
Field of vision	H.FOV: 360°	
Pan/tilt adjustment	3 axes	
Sensor	1/2.9" Progressive CMOS	
Video Compression	H.265 (Main profile)/ H.264	
No. of IR LEDs / Lighting distance (m)	3 LED (SMD) / up to 5 m	3 LED (SMD) / up to 5 m
Sensitivity (lux)	Color 0.1lux @ F1.2(AGC ON); B/W 0lux @ IR ON	
Video Functions	Defog, Smart IR, image transfer on FTP, IP Conflict, Storage Error, Cloud, P2P, Disable IR and B/W schedule	
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	-	Yes (max 128 GB)
Video Analysis	-	-
Power supply	12 VDC ± 10%, PoE (802.3af)	
Max absorption (W)	Day: Max 2.8W Night: Max 7.4W	Day: Max 2.7W Night: Max 6.7W
IP-IK protection class	IP66 - IK10	IP64
ONVIF	Ver 18.12	
Operating conditions	-20 °C ~ 50 °C	
Dimensions (W x H x D or Ø x H)	68 x 77 mm	120 x 55 mm

2M CAMERAS



Item no.	1093/143M2	1099/204
Resolution	1080P full HD - 1920(H) x 1080(V)	
Recording Fps	Mainstream: 1920x1080@20fps Substream: 704x576@20fps, 640x360@20fps, 352x288@20fps Mobilestream: 704x576@20fps, 640x360@20fps, 352x288@12fps	
Lens	Fixed 3.3 mm	Fixed 3.7 mm
Field of vision (horizontal)	HOV: 71°	HOV: 71°
Pan/tilt adjustment	3 axes	
Sensor	IMX307	
Video Compression	H.264/H.265/MJPEG	
No. of IR LEDs / Lighting distance (m)	-	-
Sensitivity (lux)	Color 0.008Lux @F1.2 AGC ON	
Video Functions	Defog- ROI, Smart IR, image and Video transfer on FTP, compatible with Chrome	
Day & Night	Mechanical filter with auto switch	
Audio in /out	1 input / 1 output	
Alarm in /out	-	-
Video Analysis	-	-
Power supply	12 VDC ± 10%, PoE (802.3af)	
Max absorption (W)	1.8W (G), 2.2W (N)	
IP-IK protection class	Indoor	
Operating conditions	-20°C ~ +60°C RH96% Max	
Dimensions (W x H x D)	40 x 40 x 27 mm	60 x 100 x 25 mm

PTZ UNITS

*they cannot be configured and activated via Building & Retail series NVR



Item no.	1099/391	1099/394
Resolution	2M - 1920(H) × 1080(V)	
Recording Fps	PAL: 25fps (1920×1080, 1280×960), 50fps (1280×720) - NTSC: 30fps (1920×1080, 1280×960), 60fps (1280×720)	
Lens	Optical motorised zoom 4x (2.8mm~12mm) - Digital zoom 16x	Optical motorised zoom 25x (4.8mm~120mm) - Digital zoom 16x
Field of vision	H.FOV: 104° (w)~30° (t)	Horizontal: 58.5° (w)~2.8° (t) - Vertical: 33.2° (w)~1.5° (t)
Pan/tilt adjustment	350° / 0~90° (Auto flip)	360° / -16~90° (Auto flip)
Sensor	1/2.8" CMOS	
Video Compression	H.265/H.264	
Lighting distance (m)	30 m	150 m
Sensitivity (lux)	Color: 0.002lux@ (F1.4, ACG ON), BW: 0lux with IR	Color: 0.001lux@ (F1.5, ACG ON), BW: 0lux with IR
Video Functions	BLC/3D DNR/HLC/ROI/SMART DEFOG	
WDR	120 dB	140 dB
Day & Night	Dual IR Cut Filter	
Audio in /out	1 IN / 1 OUT - Integrated microphone	-
Alarm in /out	2 IN / OUT	-
Video Analysis*	BEHAVIOR ANALYSIS (trip wire, double tripwire, object abandon, missing object detection, perimeter, loiter, running, heat map), CROW DETECTION, FACE DETECTION	BEHAVIOR ANALYSIS (trip wire, double tripwire, object abandon, missing object detection, perimeter), FACE DETECTION
SD card slot	Yes (max 128 GB)	Yes (max 256 GB)
Power supply	DC12V±10%/POE	AC24V±15%/POE
Max absorption (W)	4.9W (IR OFF), 8.9W (IR ON)	11W(IR OFF), 41.8W(IR ON)
IP-IK protection class	IP40	IP67
ONVIF	ONVIF(Profile S)	ONVIF(Profile S/G/T)
Operating conditions	-10°~50°C, 0-90% RH	-30°C~65°C (IR OFF), -30°C ~40°C (IR ON), 0-95%RH
Dimensions (Ø x H)	141 x 152 mm	222 x 372 mm

4M CAMERAS



Item no.	1093/125M4I	1093/181M4ZI
Resolution	4MP - 2592(H) x 520(V)	
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	C/CS mount / Auto Iris: DC drive (-P: supports Pliris). Lens not included	Motorised 2.8-12 mm
Field of vision (horizontal)	-	28° (T) - 91° (W)
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)	-	28 pcs IR/ 30 m
Sensitivity (lux)	0.1 Lux @(F1.2,AGC ON)	0.01Lux @(F1.2,AGC ON), 0.028Lux @(F2.0,AGC ON), 0 Lux with IR
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)	2W(D) / 4.5W(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	145 x 115 mm

WI-FI CAMERAS



Item no.	1099/214	1099/216	1099/212
Resolution	2M - 1920(H) × 1080(V)		
Recording Fps	Mainstream: 1920x1080 20fps, 960 25fps, 720 25fps. Substream: 704x576 25fps, 640x360 25fps, 352x288 25fps. MJPEG: 704x576 4-6fps		
Lens	Fixed 2.8 mm	Motorised 2.8 - 12 mm	
Field of vision (horizontal)	HOV 108°	HOV: 108° -37°	
Pan/tilt adjustment	3 axes		
Sensor	1/2.8"		
Video Compression	H.265/H.264/MJPEG		
Lighting distance (m)	~ 30 m		
Sensitivity (lux)	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	-		
Video Analysis	Motion detection, Human detection		
Wi-Fi	802.11 b/g/n - WiFi 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)		
Power supply	12 VDC ± 10%, PoE (802.3af)		
Max absorption (W)	Average: 170mA(G), 450mA(N). Peak 470mA (IR CUT filter transition)		
IP-IK protection class	IP66		
Operating conditions	-20 °C ~ +60 °C, <90%RH		
Dimensions (W x H x D)	167 x 66.55 x 70.5 mm	189 x 76 x 68 mm	

WI-FI CAMERAS



Item no.	1099/209	1099/211	1093/182WM1A
Resolution	2M - 1920(H) × 1080(V)		720P - 1280(H) x 720(V)
Recording Fps	Mainstream: 1920x1080 20fps, 960 25fps, 720 25fps. Substream: 704x576 25fps, 640x360 25fps, 352x288 25fps. MJPEG: 704x576 4-6fps		Mainstream: 1280x720 25fps Mainstream: 1920x1080 20fps
Lens	Fixed 2.8 mm	Fixed 3.6 mm	Motorised 2.8 - 12 mm
Field of vision (horizontal)	H.FOV: 108°	H.FOV: 95°	H.FOV: 68° - 18°
Pan/tilt adjustment	3 assi		
Sensor	1/2.8"		1/4"
Video Compression	H.265 / H.264/MJPEG		H.264/MJPEG
Lighting distance (m)	~ 10 m		~ 30 m
Sensitivity (lux)	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	-		
Video Analysis	Motion detection, Human detection	Human detection - Human auto tracking	Motion detection
Wi-Fi	802.11 b/g/n - WiFi frequency: 2.4GHz~2.4835GHz		
LTE (4G)	-		
SD card slot	Yes (max 64 GB)	Yes (max 128 GB)	-
Power supply	12 Vcc	USB 5V	12 Vcc
Max absorption (W)	Average: 170mA(G), 450mA(N). Peak 470mA (IR CUT filter transition)	Max 450mA ±10mA	170mA (D). 450mA(N) Peak: 600mA (LED switching on upon start-up)
IP-IK protection class	Indoor		IP66 - IK10
Operating conditions	-10 °C ~ +55 °C, <95%RH		-20 °C ~ +60 °C, <90%RH
Dimensions (W x H x D)	78 x 120 x 90 mm	80 x 105 x 90 mm	152 x 152 x 101.8 mm

4K 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), Crossing Counter (CC), Sound detection, Video tampering, Face recognition, Human & Vehicle detection, Perimeter intrusion detection (advanced PID), Line crossing Detection (advanced LCD), Cross Counting, Heat Map, Attribute detection, Face attendance		
Network protocols	TCP/IP, DHCP, UDP, Urmet DDNS/UrmetDDNS2 with ID, P2P, PPPOE, Cloud Storage, SMTP, HTTPS, PPPPoE, 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

4K NVR



Item no.	1098/332
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 Output
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	Perimeter Intrusion Detection (PID), Line Crossing Detection (LCD), Stationary Object Detection (SOD), Pedestrian Detection (PD), Face Detection (FD), Crossing Counter (CC)
Special Functions	Server P2P, Private Cloud (Dropbox), sending e-mail on event with attached image, Motion detector, Smart Video Analysis, External alarm, 3G/4G USB modem support, instant playback, SMART disk, sending video images on FTP, live and playback Mainstream-Substream management
IP Recording bandwidth (IN/OUT)	Max. 320Mbps
E-SATA port	Yes (for recording and backup)
Supported Hard Disks	Max. 4 HDD Sata (each HDD up to 8TB)
Hard Disk Slot	2 TB
App	Urmet iUVS Pro, Urmet iUVS Plus (iOS, Android), Urmet iUVSTab (Android Tablet) and Urmet iUVSPad (iPad)
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	12V / 5A
Dimensions (W x H x D)	378 x 66 x 326 mm



Solutions for car plate recognition

Urmet Plate

Advanced functions for city control

Urmet Plate is the new Urmet **car plate recognition camera**. With **Full HD** resolution, **motorised lens** and **anti-glare and anti-slip functions**, Urmet Plate is the ideal solution for vehicle monitoring and is suitable for different applications. The intuitive web interface, data customisation, advanced check capabilities and ease of use allow the camera to be

integrated into any control system, from simple parking lots to more complex vehicle traffic visualisation systems. Urmet Plate combines **high power IR LEDs** with **pulsed operation** and a **motorised varifocal lens camera** to capture perfect images in all conditions of use. The complete control of the gates to be monitored is possible

thanks to the Full HD resolution and the motorised varifocal lens; the video stream can be transferred remotely thanks to the ONVIF-compatible video streaming. The **Urmet Plate 3G** version allows fast installations with reduced manpower and competitive and advantageous system costs.



99% Percentage of car plates read correctly

In all shooting conditions, thanks to filters and systems to optimise number plate shooting.



160 km/h Car plate detection maximum speed

Not to miss out any of the transits, even on fast roads.



10x Optical zoom

To adapt the frame to the best and always shoot the gate.



6 metres Maximum controllable gate width

To check even dual carriageways.



24/24h Monitoring

Through a web cloud system to check the operation and control of the integrated sensors (shock displacement, temperature, humidity).



30° Maximum readable inclination of the plate

To ensure readings in difficult installations.



5 Models available

A comprehensive range to meet all needs.

Cameras

A wide range of **Full HD infrared cameras for reading car plates** in different contexts, from private areas to company car parks or public transit routes. Each model, which can be used in any lighting condition, can read a car plate

and identify vehicles for different surveillance applications, including limited access, verification of the status of a car or transit statistics.



1111*216	1111*220	1111*225	1111*212	1111*215
FULL HD LICENCE PLATE CAMERA WITH INTEGRATED OCR 16 MM LENS	FULL HD LICENCE PLATE CAMERA WITH INTEGRATED OCR 20 MM LENS	FULL HD LICENCE PLATE CAMERA WITH INTEGRATED OCR 25 MM LENS	FULL HD DUAL LENS MOTORISED LICENCE PLATE AND CONTEXT READING CAMERA	FULL HD DUAL LENS MOTORISED LICENCE PLATE AND CONTEXT READING CAMERA WI-FI-4G CONNECTIVITY

Main features

- Anti-glare system
- Elimination of sun reflections
- Anti-slip system
- Multiple exposure
- Reading of difficult number plates and shadow elimination
- Certified OCR in monitoring
- Class A sensors (E version)

VERSION FOR USE WITHOUT DATA TRANSMISSION INFRASTRUCTURE (RADIO LINKS)

item no. 1111*215



No communication infrastructure required



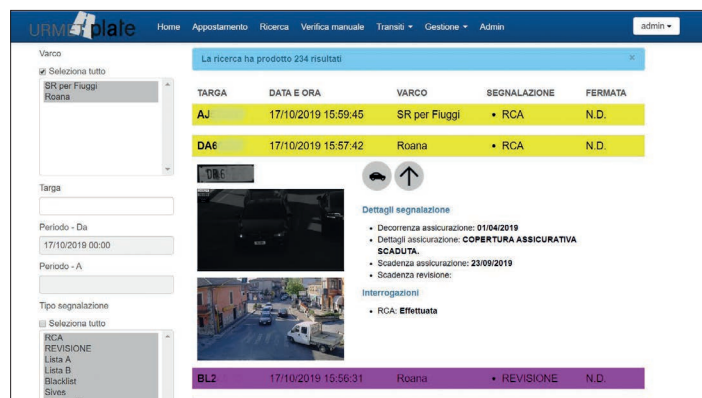
Easy to install, configure and move



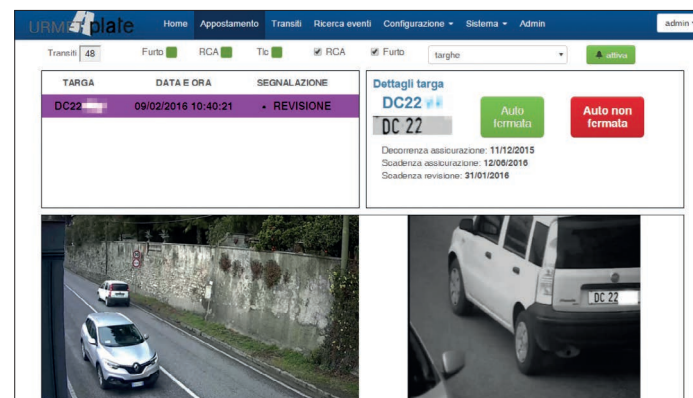
Requires only power supply



4G traffic optimisation



Real-time car signalling



Vehicle data detail



Thermal Solutions



Thermal Solutions

Body temperature measurement range

In the field of video surveillance, precautions due to the spread of the Covid-19 virus require very accurate body temperature checks before allowing access to facilities.

Urmet's range of thermal cameras meets these safety needs in both the short and long term, with fixed and portable solutions tested to the most rigorous standards.

Urmet solutions for body temperature measurement guarantee **fast readings and precision** data analysis to safeguard everyone's health and safety.



Body temperature
detection panel



Portable thermal
camera

Body temperature detection panel

Equipped with a high precision sensor, Urmet's body temperature detection panel is an **all-in-one device** that's capable of carrying out **thermometric readings** and identifying subjects with abnormal temperatures, and can even detect the **presence of face masks**.

How does the body temperature detection panel work?

Easy to use, and makes it the ideal solution for **monitoring access** to areas that require an orderly flow of entry. In fact, all the data detected by the infrared temperature sensor and the integrated video camera appear on the display in real time, providing a **98% accurate analysis in less than one second**.

Main features

- Temperature reading accuracy $\pm 0.3\text{ }^{\circ}\text{C}$
- Integrated speaker
- Reading speed $> 1\text{s}$
- Push notification on V-Stream app
- Access control with list of allowed and forbidden faces

ACCESSORIES

3000/262	TABLETOP BASE IN 3 MM BLACK DIBOND STRUCTURE Two coloured Plexiglas elements backlit by 6000 k white LED strips and electrical assembly with thermal scanner. Complete with front compartment for hand sanitiser dispenser. Dimensions (W x H x D): 250 x 350 x 300 mm	
3000/261	FLOOR-STANDING BASE IN 3 MM BLACK DIBOND STRUCTURE Complete with transparent Plexiglas compartment for A4 format documents and front compartment for hand sanitiser dispenser. Two coloured Plexiglas elements backlit by 6000 k white LED strips. Dimensions (W x H x D): 250 x 1300 x 300 mm	
3000/265	FLOOR-STANDING BASE IN 3 MM BLACK DIBOND STRUCTURE Dimensions (W x H x D): 350 x 1040 x 395 mm	



Item no.	1099/811		
CPU	Hi3516CV500	Audio Standard Coding	G.711U
System	Embedded LINUX system	Audio output	External 8 Ω / MAX 1.5 W speaker
Sensor	1/2.8 IMX327	Audio sensor	MLX90614DCI
Codec	H.264/H.265	Temperature range	30-45 (°C)
Standard	PAL 50 Hz/NTSC 60 Hz	Temperature detection accuracy	± 0.3 °C
Resolution	1920*1080/1280*720	Video mode	Manual recording, alarm recording, timing recording
Display's dimensions	7" HD LCD	Video save	PC client / NVR
Video Stream	128 kbps - 12288 kbps (Default VBR)	Alarm output (2pin)	3.3 V (Normal) - 0 V (Alarm)
Signal to noise ratio	≥ 69 dB	Alarm output (4pin)	NA (2pin) / NC (2pin)
Sensitivity	DAY 1 Lux, Night 0.01 Lux	Network protocol	HTTP, TCP/IP, IPV4, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, IP
IR mode	Auto (passive mode) / day / night / auto (active mode) / timing	Power supply	DC-12 V
Auto white balance (AWB)/ backlight compensation (BLC)	AUTO	Absorption	1 A
Automatic electronic shutter (AES)	AUTO/ 1/50(1/60) -1/100,000 sec	Operating temperature	-20 °C ~ 65 °C
Video Output	Easytool/ /APP V-Stream /7 "HD LCD	Dimensions (H x W x D)	226,5 x 120 x 15 mm
Snapshot function	Support		

Portable thermal camera

Thanks to its versatility and flexibility, Urmet's portable thermal camera is the ideal solution for **conducting checks at uncontrolled entrances**, as well as for more structured temperature detection activities.

The portable thermal camera can be supplied to properly

trained personnel in order to carry out individual checks, or else can be mounted on a tripod and connected to a local server **to handle heavier traffic flows**.

In both cases, the thermal camera is directed at the subject whose temperature is to be measured, and can take

effective measurements from a **distance of up to 1 metre (3 ft)**. The device also allows the user to check the data collected using an analysis software, and to configure an alarm to be received if a temperature above the threshold is detected.

Main features

- Temperature measurement range: 30 °C ~ 45 °C (86F ~ 113F)
- Precision: $\pm 0,5$ °C (1 m) - $\pm 0.5F$ @ 3ft
- Snapshot function with SD card storage
- Analysis and verification software
- Point temperature measurement
- Transmission of images in real time

ACCESSORIES

3000/264

FLOOR TRIPOD FOR PORTABLE THERMAL IMAGING CAMERA

Aluminium alloy material. Three-section pivot. Adjustable height from 62 cm to 160 cm. Weight 1.28 kg. Maximum load-bearing capacity of 3 kg.





Item no.	1099/809		
Sensor	UFPA	Certifications	CE (EN 61326-122013, EN 61326-2-222013, EN 61326-2-3) - RoHS
Temperature range	30 °C ~ 45 °C	Visual light camera	Yes
Measurement resolution	0.1 °C	Visual light resolution	640 x 480 pixels
Accuracy	+/-0.5 °C (a 25 °C ambient temperature)	Image blending ratio	0% (pure visual light image), 25%, 50%,75%, and 100% (pure infrared image)
Optimal measuring distance	1 meter	PC software	Yes
Response time	≤500 ms	Real-time image transmission	Yes (real-time image projection through PC software)
IR resolution	19200 (160 x 120)	Data transmission	Type-C USB interface
Pixel size	12 μm	Product size (W x D x H)	236 x 75.5 x 86 mm
Color palette	Iron, Rainbow, Hot white, Hot red	Display type	2.8" TFT LCD
Infrared spectral band	8 μm~14 μm	Display resolution	320 x 240 pixels
Field of view (FOV)	56°(H) x 42°(V)	Battery	3.7 V/5000 mAh rechargeable Li-ion battery
Spatial resolution (IFOV)	6 mrad	Auto power off	5 minutes, 10 minutes, 30 minutes, off (default: 30 minutes)
Thermal Sensitivity (NETD)	<50 mk	Battery life	≥ 6 hours
Frame rate	<9 Hz	Charging time	≤ 5 hours
Temperature measurement display	Center point temperature, high temperature tracking (default)	Charging voltage/current	5V/2A
Image format	BMP	Image storage	Micro SD card
Image mode	Thermal, Digital, Fusion	Transportation/Storage environment	-20°C~60°C (-4°F~140°F), <85% RH (non-condensing)
Temperature measurement point	In addition to the center point, 3 points can be added		



AHD Solutions

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

5M CAMERAS



Item no.	1096/405	1096/406	1096/407
Resolution	5MP - 2592(H) × 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	

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

2M CAMERAS



Item no.	1096/210	1096/203	1096/212
Resolution	2M - 1920(H) × 1080(V)		
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 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

2M CAMERAS



Item no.	1096/310	1096/303	1096/312
Resolution	2M - 1920(H) × 1080(V)		
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

2M CAMERAS



Item no.	1092/252H	1092/276HA	1092/258H	1096/204
Resolution	1080P@25fps	1080p/720p@25fps	1080P@25fps	
Lens	Motorised varifocal 5-50mm 10x zoom	Manual f2.2 mm 140° 3MP	Fixed 3.6 mm 3MP	
Pan/tilt adjustment	3 axes			
Sensor	1/2.8" Sony CMOS	1/2.7" CMOS High definition	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	18 pcs (SMD)/ 12 m IR ON	-	
Sensitivity (lux)	Color: 0.3Lux, BN: 0.1Lux Color DSS: 0.0005Lux, BN DSS: 0.0002Lux	Color: 0.1Lux@F2, B/N: 0.03Lux@F2		
OSD	Yes			
Video Functions	2DNR, BLC, WDR, ATW AGC	2DNR, BLC, D-WDR, ATW AGC, HLC, IR SMART	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	260 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	Ø 95 x 65 mm	40 x 40 x 15 mm	100 x 60 x 30 mm

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)	Color: 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

4K HVR

(*according to the IP camera model)



Item no.	1097/624	1097/628
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 channels	2	4
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
Audio Inputs/Outputs	4-CH RCA input / 1-CH RCA output	8-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
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)	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	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	
Absorption	10 W	
Dimensions (W x H x D)	300 x 53 x 227 mm	

5M HVR

(*according to the IP camera model)



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

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

MONITORS



Item no.	1092/401B	3000/321
LCD Display	10,1" TFT	21.5" TFT (16:9) Rate A
Resolution	1024 x 768	1920 x 1080
Colour display	16.7 milions	
Contrast ratio	1000:1	1000:1
Brightness	600 cd/sq. m	200 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	
Consumption	10W	<35W
Dimensions with base (W x H x D)	245 x 165 x 35 mm	365 x 491 x 163 mm

WRIST MONITORS

1092/400H	4.3" LCD MONITOR FOR AHD, 1080P, 720P AND CVBS CAMERA TEST • LCD display: 4,3" 16/9 Colour LCD • Resolution: 480 x 272 pixel • Operating temperature: -10 °C +45 °C, 0 – 95% humidity • Power supply: input 100÷240 V – 50/60 Hz - 0.15 A – output 5 V/1 A - internal battery 3,7 V; 1000 mAh lithium-ion type BP-6M • Dimensions (W x H x D): 120 x 80 x 40 mm	
3000/060	IP TESTER • 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 AHD, 1080P, 720P AND CVBS CAMERAS • It allows managing the OSD menu of AHD 1080P –AHD 720P and CVBS cameras. • Direct connection to camera via BNC • Power supply: 2 1.5V AAA alkaline batteries • Dimensions (W x H x D): 120 x 55 x 15 mm • Weight: 100 g	
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KEYBOARDS

1092/621	KEYBOARD FOR SPEED DOME • Swing motion controls and functions: with 30 keys and joystick • Protocol: Pelco P-Pelco D • Serial interface: RS-485 • Baud Rate: 2400, 4800, 9600, 19200Bps • Max no. of controlled devices: 255 • Power supply: 12Vdc – 1A with supplied power unit • Consumption: 230mA • Dimensions (W x H x D): 90 x 180 x 165 mm	
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	

ILLUMINATORS



Item no.	1092/895	1092/896
No. of LEDs	6 high efficiency IR LEDs	
Range	50 m	70 m
Opening angle	45°	30°
Protection class	IP66	
Power supply	12Vcc	
Consumption	850mA	
Dimensions (W x H x D)	150 x 180 x 70 mm	

LENSES

1090/545	VARIFOCA LENS 3.5-8 MM F1.4-300	
1090/552	VARIFOCA LENS IR 2.8-12 MM DC F1.4-300	
1090/553	VARIFOCA LENS IR 5-50 MM DC F1.6-360	
1092/506	VARIFOCA LENS IR 2.8-12 MM 3M F1.6-360	
1092/507	VARIFOCA LENS IR 5-50 MM 3M F1.4-300	

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	HOUSING KIT 300 MM • Removable housing on slide with hook • Material in extruded aluminium • 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 FOR HOUSING 1090/809 • Cable external passage • Range: 15 Kg • Weight: 500 g	
3000/100	UNIVERSAL POLE ADAPTER FOR JUNCTION BOXES 1092/148, 1092/149, 3000/102 AND CAMERAS • Weight: 200 g • Dimensions (W x H x D): 9.1 x 10.5 x 3.1 mm	
3000/104	BRACKET FOR VANDAL DOME IP (TO BE COMBINED WITH 3000/105) • Weight: 530 g • Dimensions (W x H x D): 9.5 x 18 x 18 mm	

JUNCTION BOXES

1092/148	JUNCTION BOX FOR AHD 720P, 1080P 4M, 5M AND IP CAMERAS • Wall or ceiling mount • Dimensions (H x Ø): 35 x 135 mm • Weight: 390 g	
1092/149	JUNCTION BOX FOR VANDAL DOME • Wall or ceiling mount • Dimensions (H x Ø): 46 x 147 mm • Weight: 300 g	
3000/102	JUNCTION BOX FOR H.265 IP CAMERAS • Wall or ceiling mount • Dimensions (H x Ø): 57 x 134 mm • Weight: 300 g	
3000/105	JUNCTION BOX FOR VANDAL DOME IP (TO BE COMBINED WITH 3000/104) • Weight: 306 g • Dimensions (Ø x D): 14.5 x 6 mm	
3000/106	JUNCTION BOX FOR FISHEYE UFO • Dimensions (Ø x H): 126.0 x 48.9 mm • Weight: 260 g	
3000/107	JUNCTION BOX FOR FISHEYE WITH WALL BRACKET • Dimensions (Ø x H): 126.0 x 48.9 mm • Weight: 270 g	
3000/108	SMALL SIZE JUNCTION BOX • Dimensions (Ø x H): 100.5 x 56 mm • Weight: 300 g	
3000/109	SMALL SIZE JUNCTION BOX FOR WALL BRACKET 3000/104 • Dimensions (Ø x H): 100.5 x 56 mm • Weight: 300 g	
3000/110	JUNCTION BOX • Dimensions (Ø x H): 116 x 96.5 mm • Weight: 400 g	
3000/111	JUNCTION BOX FOR DOME CAMERAS • Dimensions (Ø x H): 134.3 x 80 mm • Weight: 300 g	

POWER UNITS



Item no.	1090/850	1092/801	1092/802	1092/803	1092/804
Input voltage	230 V~±10%, 50/60 Hz	230 Vca	100-240 Vca 50-60 Hz		230 Vca
Output voltage	12 V, 0,18 A (with P1 - P2 jumper) V out= 15 V, 0.18 A (without P1 - P2 jumper)	13,2 Vcc - 1200 mA	13,2 Vcc - 1,8 A	12 Vcc	13,2 Vcc - 3 A
IP degree	Indoor	Indoor	Indoor	IP66	Indoor
Operating temperature range	-10 °C + 40 °C	+5 °C +40 °C			
Dimensions	65 x 63 x 45 mm	30 x 43 x 82 mm	1 DIN rail module	50 x 23 mm (Ø x H)	162 x 47 x 162 mm

1090/840 CAMERA POWER CABLE WITH 90° CONNECTOR

DISTRIBUTORI VIDEO

1090/730 MINIATURISED VIDEO DISTRIBUTOR

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



EOC - ETHERNET OVER COAXIAL

1093/835 EOC CONVERTER - ETHERNET CONVERTER/1 COAXIAL CABLE

- 1 10/100M RJ45 auto-sensing Port
- 1 BNC port
- Transmission distance: 300m
- Power supply type: 12V DC, 180 mA



1093/836 EOC CONVERTER - ETHERNET CONVERTER/4 COAXIAL CABLES

- 1 10/100M RJ45 auto-sensing Port
- 4 BNC ports
- Transmission distance: 300m
- Power supply type: 12V DC, 180 mA



SWITCH

* For availability please contact the sales network

3000/400	SWITCH 5 PORTS 10/100/1000M • RJ45 self-adaptive 10/100/1000Mbps ports • Compatible with IEEE802.3, IEEE802.3u and standard 802.3ab • Type of power supply: 12V DC, 1A. External power unit included	
1093/830*	POE SWITCH 4+2 PORTS • 6 Ports 10/100M • Ports 1-4 PoE. 65W for 4 ports, 802.3af (maximum 15.4W per port) • Ports 1-4 support VLAN isolation (default) • Power supply type: 1.2(+)/3.6(-), External power unit • Supports long transmission up to 250 m • Dimensions (W x H x D): 142 x40 x113 mm	

SWITCH EDGE SERIES



Item no.	3000/400A		3000/400A
LAN Ports	5 x10/100/1000Mbps RJ45	Storage temperature	-40 °C ~ +70 °C
Uplink Ports	-	Operating conditions	10%~90% (Non-condensing)
Standard/protocol	IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab:1000BASE-T IEEE 802.3x Flow Control	Dimensions (H x W x D)	100 x 50 x 27 mm
Exchange capacity	1 Gbps	Weight	<1 kg
Buffer	48K	Type of case	Metal
Forwarding Rate	744Mbps	Colour	Black
MAC address table	1K	Surge protection	4KV
Jumbo Management	Yes	MTBF	50.000 hours
LED indicators	LINK/ACT	Electrostatic standard	6kv
Power supply	DC:12V/0.5A	Accessories	User Guide*1/Power Adapter*1
Service temperature	0 °C ~ +40 °C		

SWITCH EDGE SERIES



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

POE INJECTOR

* Ideal for power speed dome



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

SWITCH BACKBONE SERIES



Item no.	3000/451	3000/452		3000/451	3000/452
Web Managed	-		Function	VLAN	-
LAN Ports	10		Jumbo Management	Yes	
Uplink Ports	2x10/100/1000Mbps RJ45	2 x SFP 1.2 Gbps	LED indicators	LINK/ACT	
Port LAN PoE	8x10/100/1000Mbps RJ45		Power supply	AC:110V-240V	
Console port	-		Service temperature	0 °C ~ +40 °C	
Standard/protocol	IEEE 802.3i 10BASE-T IEEE 802.3u 100BASE-TX IEEE 802.3ab 1000BASE-T IEEE 802.3x Flow Control		Storage temperature	-40 °C ~ +70 °C	
PoE Standard	IEEE803.2af/at		Operating conditions	10% ~ 90% (Non-condensing)	
Max. Output Power (Watts)	120W		Dimensions (H x W x D)	202 x 140 x 50 mm	
Max. power output per port (Watts)	15.4/30W		Weight	1.1 kg	
SFP Slots	-	2 x SFP 1.2 Gbps	Type of case	Metal	
Exchange capacity	20 Gbps		Colour	Black	
Buffer	48K		Surge protection	4KV	
Forwarding Rate	14.88 Mbps		MTBF	50.000 hours	
MAC address table	8k		Electrostatic standard	6kv	
Mas distance date	250M	100M	Accessories	User Guide*1/Power cable*1	

SWITCH BACKBONE SERIES



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

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	2.976Mpps
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
Connetore	SC

SWITCH ACCESSORIES

3000/720 MULTIFUNCTIONAL LIGHTNING AND SURGE PROTECTION DEVICE
Surge and anti-static protection for camera power supply unit and network signals.
The maximum discharge voltage can reach 10 KV and the response speed is nano-level,
able to fully protect the equipment of a video surveillance system (Supports POE function)

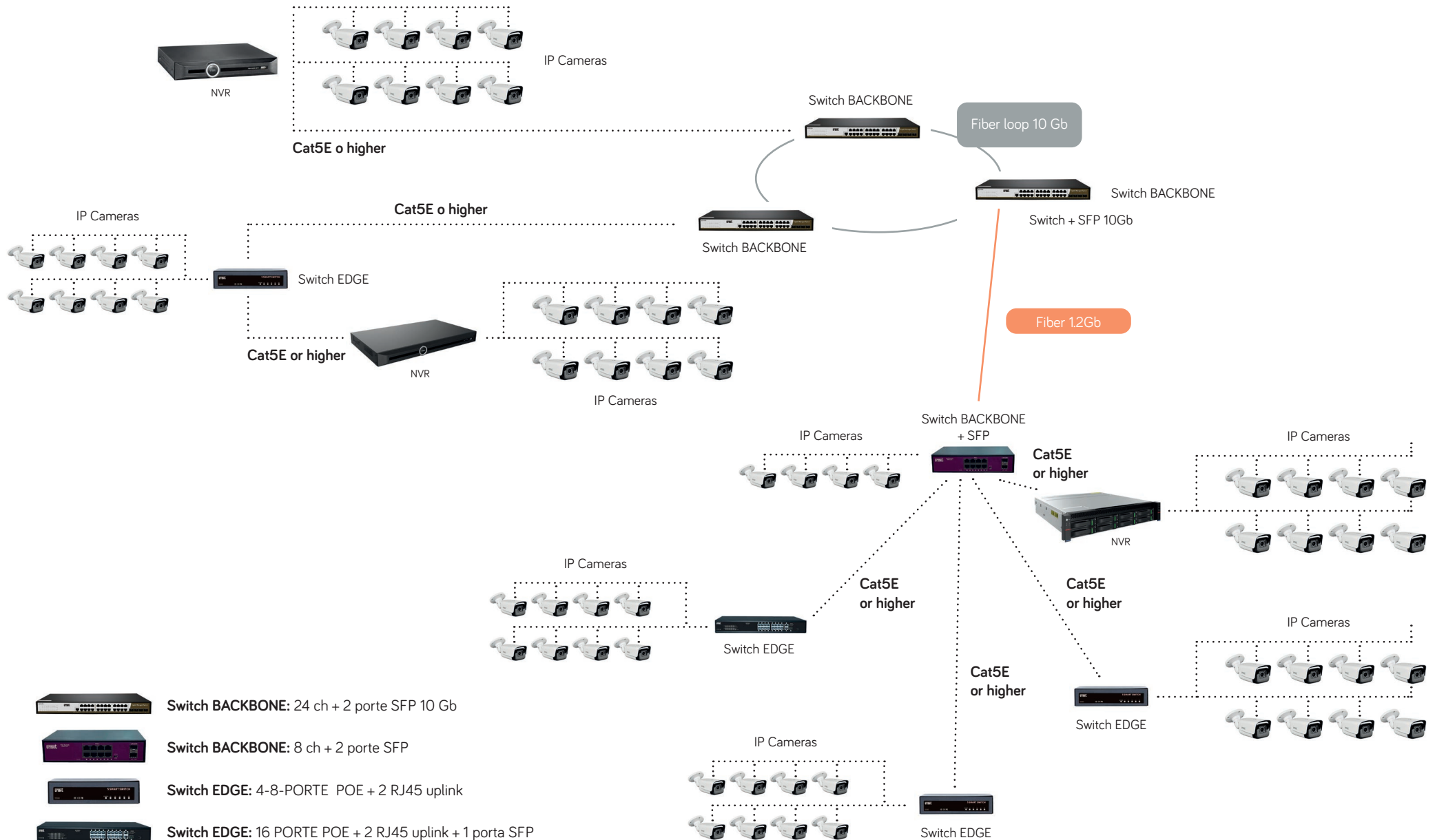


SFP MODULES



Item no.	3000/490	3000/491	3000/492
Type	10/100/1000 BASE-T copper SFP transceiver	10/100/1000 BASE-T Fiber SFP transceiver	10G Fiber SFP transceiver
Band	Up to 1.25Gb/s bi-directional data links	Up to 1.25Gb/s Data Links	9.95 to 11.3Gb/s
Connector	RJ45	LC	
Fiber	-	Multimode	
Cable	CAT5+ CAT6	-	
Distance	100M	Up to 550m on 50/125µm MMF	MMF links up to 300m
Operating temperature	From -5 °C to +85 °C	From 0 °C to +70 °C	
CE	Yes	Yes	
RoHS	Yes	Yes	
Power supply	3,3V		

APPLICATION EXAMPLE FOR SWITCH USE



VIDEO TRANSMISSION UP TO COAX

1092/300A	TX/RX PASSIVE BALUN • Set of passive devices (without signal amplification) • It allows impedance adaptation between coaxial cable and UTP cable: in such a way, it can be used for the transmission / reception of the video signal on the UTP CAT5 AWG 24 cable • Video input /output: Male BNC • UTP cable input / output: terminal board • Weight: 30 g (each) • Dimensions (each) (W x H x D): 30 x 15 x 14 mm														
1092/301	TX/RX PASSIVE BALUN 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	BALUN FOR AHD 2M AND 4M FOR LONG DISTANCES AHD 2MPX cameras <table><tr><td></td><td>From 0 m to 80 m</td><td>From 80 m to 350 m</td><td>From 350 m to 400 m</td><td>More than 400 m</td></tr><tr><td>Video performance</td><td>With clear image splitting. Use version 1092/300A</td><td>Maximum</td><td>Acceptable, but with reduced resolution</td><td>Not acceptable (high resolution loss)</td></tr></table>					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)	
		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 <table><tr><td></td><td>From 0 m to 80 m</td><td>From 80 m to 240 m</td><td>From 240 m to 280 m</td><td>More than 280 m</td></tr><tr><td>Video performance</td><td>With clear image splitting. Use version 1092/300A</td><td>Maximum</td><td>Acceptable, but with resolution loss</td><td>Not acceptable (high resolution loss and possible colour loss)</td></tr></table>					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)	
	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)											
1090/836 PACKAGE WITH 4 SCREW-ON BNC CONNECTORS															
1090/837	PACKAGE WITH 4 CRIMP-ON BNC CONNECTORS														

WIRELESS VIDEO TRANSMISSION



Item no.	3000/080	3000/082	3000/083A	3000/084	3000/085	3000/086	3000/087
Antenna	23° 16 dBi	OMNI 7.5 dBi	21 dBi 12°H, 12°E	15 dBi 120°H, 10°E	2 connectors RP-SMA	15 dBi 120°H, 10°E	1,5 dBi omni
Wireless	802.11a/n up to 100 Mbit/s	802.11a/n 2x2 MIMO up to 200 Mbit/s	802.11 ac/a/n up to 500 Mbit/s	802.11 ac/a/n up to 500 Mbit/s		-	802.11 b/g/n up to 100 Mbit/s
Band	5GHz						2.4 GHz
SFP ports	-	-	-	1	1	-	-
Ethernet ports	1 port 10/100	5 ports 10/100	1 port 10/100/1000			-	1 port 10/100
USB ports	-	1	-	-	1	-	1 per power unit
Consumption	6 W	11 W	7 W	13 W	17 W	-	3.5 W
Weatherproof	Yes						Indoor
Dimensions (W x H x D)	129 x 129 x 34 mm	177 x 44 x 44 mm	250 x 90 mm (Ø x H)	140 x 348 x 82 mm	143 x 247 x 48 mm	140 x 348 x 82 mm	48 x 49 x 11 mm
Weight	295 g	1270 g	830 g	816 g	865 g	734 g	122 g

3000/081

BRACKET FOR POLE/WALL INSTALLATION



3000/088

WIFI LTE WEATHERPROOF ROUTER

- 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 (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 port 10/100
- Consumption: 8 W
- Dimensions (W x H x D): 185 x 85 x 30 mm
- Weatherproof: Yes



PTZ AHD ACCESSORIES

1092/708	POWER BOX FOR ANALOGUE/IP/AHD PTZ • Power unit input: 230Vca 50Hz • Power supply output for PTZ: 24Vca – 2,5A • Protection class: IP66 • Dimensions (W x H x D): 165 x 140 x 95 mm • Weight: 2150gr • It can house board 1092/709 for the management of 8 wired alarms managed by the PTZ	
1092/709	ALARM 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	CORNER ADAPTER • Weight: 2,2 kg • Dimensions (W x H x D): 32 x 22,5 x 18 mm	

1099/391 MINI PTZ IP ACCESSORIES

3000/131	JUNCTION BOX FOR MINI PTZ	
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1099/394 IP PTZ ACCESSORIES

3000/145 CORNER ADAPTER



3000/146 JUNCTION BOX



3000/143 CEILING-MOUNT BRACKET



3000/147 ADAPTER FOR POLE



CAMERA ACCESSORIES

1092/731A	VIDEO ISOLATION TRANSFORMER Isolation transformer designed for 75 Ohm coaxial video lines. Protects video signals from distortions caused by ground potential differences and proximity to power cables. • Insertion loss: 0,5 dB • Input and output impedance: 75 ohm • (Minimum) isolation voltage: 800V • Isolation resistance: 100 MOhm • ESD protection: 6kV contact discharge - 8kV air discharge • Overvoltage protection: 4kV 10/700 μs • Operating temperature range: -20 °C $\approx$ +50 °C • Body dimensions (W x H x D): 55 x 30 x 22 mm • Weight: 77 g	
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 $\pm$ 10%.	
3000/505	MICROPHONE FOR PROFESSIONAL AUDIO WITH AMBIENT NOISE COMPENSATION 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, 2V p-p audio output • Container dimensions: 30x38x18 mm • Microphone dimensions ($\varnothing$ x L): 8 x 30 mm The microphone is supplied without connectors. It has 3 output connection cables: red: +12VDC, green: audio, black: -12VDC and audio GND.	



Video surveillance kits



Video surveillance kits: total control

Everything you need to create a base system

Kit solutions suitable for any context in IP
or AHD technology.



IP kits



Wireless IP kit with
deterrence effect



AHD kits

IP KITS

1098/854

4-CHANNEL 5M IP KIT
 no. 1 1098/324P 4-channel 4K NVR H.265 PoE
 no. 2 1099/500 IP 5M bullet camera, 2.8 mm fixed lens
 no. 2 3000/108 Small size junction box



1098/858

8-CHANNEL 5M IP KIT
 no. 1 cod. 1098/328P 8-channel 4K NVR H.265 PoE
 no. 2 cod. 1099/501 IP 5M bullet camera, 2.8-12 mm AF varifocal lens
 no. 2 cod. 3000/108 Small size junction box



CLIENT SW



APP iUVS pro



Android®

iPhone®

iPad®

WIRELESS IP KIT WITH DETERRENCE EFFECT

1098/820

WI-FI IP KIT, 4CH NVR, WI-FI CAMERAS, 2M WITH DETERRENCE EFFECT
 no. 1 Wi-Fi 8-channel H.265 NVR
 no. 2 item no. 1099/218 Wi-Fi 2M IP bullet camera with 2.8 mm fixed lens with deterrence effect



1099/218

WI-FI 2M IP BULLET CAMERA WITH 2.8 MM FIXED LENS
 • White LEDs for deterrence - Sensitivity and PIR area configuration directly from NVR or iUV SPRO app
 • Integrated microphone and sounder, SD card slot
 • IP66



CLIENT SW



APP iUVS pro



Android®

iPhone®

iPad®

AHD KITS

1097/814

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



1097/818

CCTV KIT WITH 8-CHANNEL AHD HVR
no. 1 1093/578N HVR 8 canali, serie L, 5M lite
no. 2 1096/212 AHD bullet camera, 2M AF 2.8-12 mm lens
no. 2 1092/803 Power supply 12 Vcc IP66 – 1A
no. 2 Privacy signs



CLIENT SW



APP iUVS pro





Quick guide to product selection

How to make up an IP system

1.

Select the **camera**



1080P ↔ 4K

2.

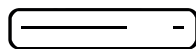
Add the **accessories**



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

3.

Select the **NVR**



1080P ↔ 4K



Web browser



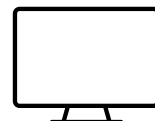
Software for centralised management



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 H.264/H.265

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	APP / SW COMPATIBILITY	JUNCTION BOX COMPATIBILITY		WALL / POLE	
									POLE	POLE
										
									 	 
							3000/102	3000/108	3000/108 + 3000/100	3000/102 + 3000/100
	1099/501A	5M	2.7-13.5 mm	M	STARLIGHT, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO,	iUVS Pro-UVS Pro	●	●	●	●
	1099/502A	5M	5-50 mm	M	STARLIGHT, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO,	iUVS Pro-UVS Pro	●			●
	1099/401A	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	●	●	●	●
	1099/611	8M			STARLIGHT,SLOT SD, IN/ OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus		●	●	●	●

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

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 H.264/H.265

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORIZED	FUNCTIONS / PLUS	APP / SW COMPATIBILITY	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	5M	2.8 mm	STARLIGHT	SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus	iUVS Pro-UVS Pro		●	●		●	●
	1099/400A							●	●		●	●
	1099/610	8M						●	●		●	●
	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

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

DOM
E IP CAMERAS
H.265

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	APP / SW COMPATIBILITY	JUNCTION BOX COMPATIBILITY				WALL / POLE / CORNER	
											POLE	POLE
												
							 1092/148	 3000/102	 1092/149	 3000/105	 3000/102 + 3000/100	 1092/149 + 3000/100
	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		•			•	
	1099/461A				STARLIGHT, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO, V-DECT - V-DECT Plus			•			•	
	1099/462A	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			•	•		•
	1099/552A				STARLIGHT, SLOT SD, IN/OUT ALL, IN/ OUT AUDIO				•	•		•
	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			•	•		•

DOME IP CAMERAS H.265

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	APP / SW COMPATIBILITY	JUNCTION BOX COMPATIBILITY			WALL / POLE / CORNER			
										POLE	WALL	POLE	CORNER
													
										 3000/102  3000/108		 +  + 	 +  + 
	1099/550A	5M	2.8 mm	STARLIGHT	iUVS Pro-UVS Pro			●		●		●	
	1099/460A			SLOT SD, IN/OUT ALL, IN/OUT AUDIO, V-DECT - V-DECT Plus			●	●	●	●	●	●	●
	1099/710	8M					●	●	●	●	●	●	●
	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

IP SPECIAL CAMERAS H.265

PRODUCT	ITEM NO.	RESOLUTION	LENS	FUNCTIONS / PLUS	APP / SW COMPATIBILITY	JUNCTION BOX COMPATIBILITY				WALL / POLE / CORNER							
										POLE	WALL	POLE	CORNER	POLE	WALL	POLE	CORNER
																	
																	
	1093/187C	5M	1.1 mm	VISIONE 360°	iUVS Pro-UVS Pro												
	1093/186BN	5M	1.1 mm	VISIONE 360°, SLOT SD-CARD	iUVS Pro-UVS Pro												
	1093/143M2	1080P	3.6 mm	DA INTERNO, STAR-LIGHT													
	1099/204	1080P	3.6 mm	DA INTERNO, STAR-LIGHT													

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

IP BOX CAMERA H.265

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	APP / SW COMPATIBILITY	JUNCTION BOX COMPATIBILITY		WALL / POLE	
							 1090/807 + 1090/809	 1092/830	 1090/807 + 1090/809 + 1092/832	 1092/830 + 1092/832
	1093/125M4I	4M			V-DECT, ALL IN/OUT, AUDIO IN/OUT	iUVS plus UVS	•	•	•	•

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 H.264

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORIZED	COMPATIBILITÀ BOX DI GIUNZIONE	WALL / POLE	CEILING	ANGLE
					 3000/146	 3000/146 + 3000/147	 3000/143	 3000/146 + 3000/145
	1099/391	2M	4x	M				
	1099/394	2M	25x	M	●	●	●	●

SPEED DOME ACCESSORIES



1093/701
Multifunction
keyboard

WIFI IP CAMERAS

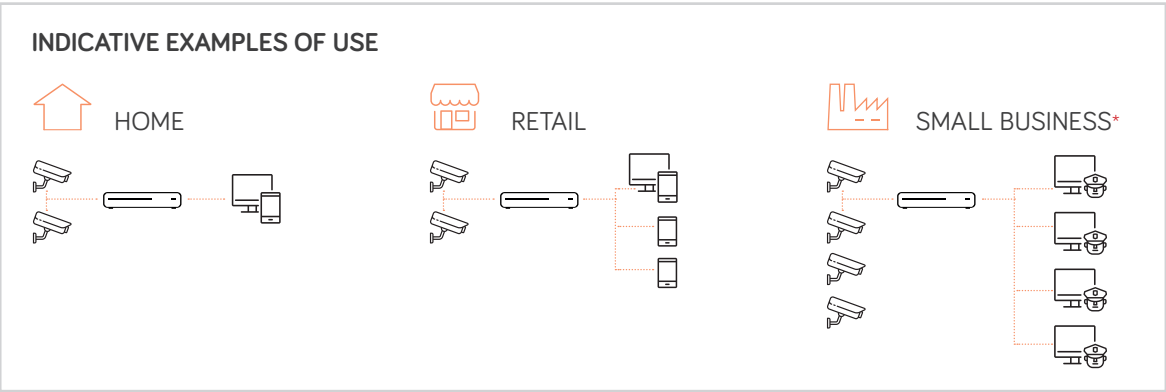
PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	APP / SW COMPATIBILITY	JUNCTION BOX		WALL / POLE		
									POLE	POLE	POLE
											
											
	1099/209	2M	2.8 mm		SLOT SD, MOTION DETECTOR, AUDIO IN/OUT	V-Stream - Secure - Yno					
	1099/211	2M	3.6 mm		SLOT SD, HUMAN DETECTION, AUTOTRACKING AUDIO IN/OUT	V-Stream - Secure					
	1099/214	2M	2.8 mm		SLOT SD, MOTION DETECTOR, AUDIO IN/OUT	V-Stream - Secure - Yno		●			●
	1099/216	2M	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		●			●
	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
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IP NVR

PRODUCT	ITEM NO.	RESOLUTION	APP / SW COMPATIBILITY	VIDEO CHANNELS	POE	HD	BAND	FUNCTIONS / PLUS	SUGGESTED APPLICATIONS
	1098/324P	8M	iUVS Pro - UVS Pro	4	4-CHANNEL POE	1 TB INCLUDED	50/65 Mbps	V-DECT CONFIGURATION, SIMPLIFIED MENU, P2P EASY CONNECTION, EXTERNAL E-SATA, FISH-EYE MANAGEMENT AND CONFIGURATION	
	1098/328P	8M	iUVS Pro Urmet Secure UVS Pro	8	8-CHANNEL POE	2 TB INCLUDED	128/128 Mbps		
	1098/332	8M	iUVS Pro - UVS Pro	32	-	2 TB INCLUDED	320/320 Mbps	V-DECT CONFIGURATION, SIMPLIFIED MENU, P2P EASY CONNECTION, EXTERNAL E-SATA, FISH-EYE MANAGEMENT AND CONFIGURATION	
	1098/326P	8M	iUVS Pro - UVS Pro	16	16-CHANNEL POE	2 TB INCLUDED	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.

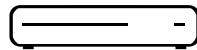
Add
the **accessories**



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

3.

Select
the **HVR**



1080N ↔ 4K



Web browser



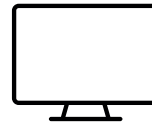
Software for
centralised
management



iUVS pro
App

4.

Add
the **monitor**



1080P ↔ 4K

AHD BULLET CAMERAS

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	JUNCTION BOX				WALL / POLE		
										POLE	POLE	POLE
												
						1092/148	3000/110	3000/108	3000/109	1092/148 + 3000/100	3000/110 + 3000/100	3000/108 + 3000/100
	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

AHD DOME CAMERAS

PRODUCT	ITEM NO.	RESOLUTION	LENS	MOTORISED	FUNCTIONS / PLUS	JUNCTION BOX				WALL / POLE						
										POLE	POLE	POLE	WALL	POLE	WALL	POLE
																
						 1092/148	 3000/110	 3000/108	 3000/109	 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	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	1092/731A Video isolation transformer	1090/732 Data / Video protection

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
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AHD HVR

** Requires a calculation of the band

PRODUCT	ITEM NO.	RESOLUTION	APP / SW COMPATIBILITY	VIDEO CHANNELS	HD	PLUS FUNCTIONS	AHD CAMERA COMPATIBILITY	CAMERA COMPATIBILITY IP**
	1097/574	5M lite		4	1 TB INCLUDED	HYBRID CVBS-AHD-IP / E-SATA / ONVIF	5M - 4M - 1080P - 720P	4M - 2M - 720P
	1097/578	5M lite		8	1 TB INCLUDED	HYBRID CVBS-AHD-IP / E-SATA / ONVIF		
	1097/576	5M lite		16	1 TB INCLUDED	HYBRID CVBS-AHD-IP / E-SATA / ONVIF		
	1097/624	8M		8	1 TB INCLUDED	HYBRID CVBS-AHD-IP / E-SATA / ONVIF	8M - 5M - 4M - 1080P - 720P	8M - 5M - 4M - 1080P - 720P
	1097/628	8M	iUVS pro - UVS pro	16	1 TB INCLUDED	HYBRID CVBS-AHD-IP / E-SATA / ONVIF		

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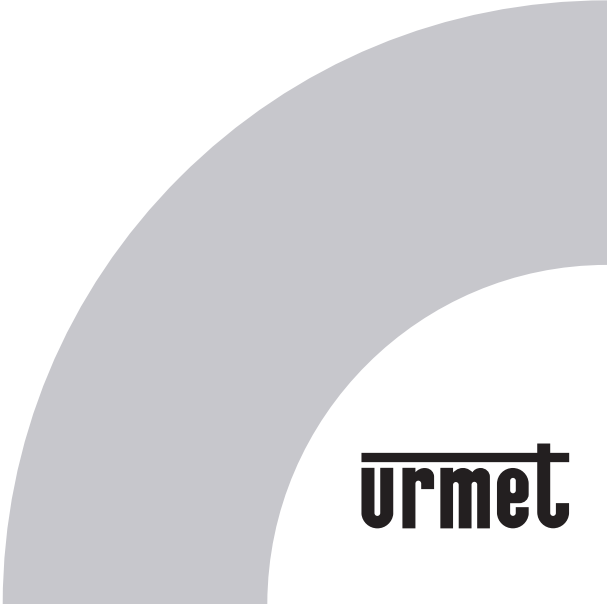
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