

PRO Line

New high-performance
video surveillance solutions



PRO Line

New high-performance CCTV solutions

PRO is the new line of e-Vision® devices for both IP and AHD high resolution video surveillance.

On the strength of an unrivalled versatility, e-Vision® PRO can satisfy any installation requirement. Indeed, by proposing a very wide and constantly updated range of products, it allows finding the best solution for any installation situation.

The range includes AHD/TVI/CVI multi-standard and IP devices:

- » **AHD/TVI/CVI:** multi-standard DVRs and cameras featuring 2 and 4 Mpx resolution that allow both reducing installation time and costs and ensuring high quality video standards by taking advantage of the traditional analogue RG59 coaxial wiring system.
- » **IP:** Wide choice of cameras (bullet, minidome and speed dome cameras) featuring 4K, 4 Mpx, 2 Mpx resolution and NVRs providing innovative and powerful technological solutions.



Why choose the PRO Line?



Multi-standard systems

Many of the PRO line analogue cameras are AHD / TVI / CVI multi-standard cameras. This allows building mixed systems (that also integrate third-party products) based on a coaxial infrastructure (even an already existing one), while ensuring excellent video images quality levels.



High efficiency IP systems

The IP systems of the PRO line feature high efficiency thanks to the use of the H.265 standard and to the extent of the range that includes bullet, minidome, speed dome cameras and NVRs in various configurations.



Hybrid systems

A key point in employing PRO line devices is the opportunity to create AHD/TVI/CVI and IP mixed systems. Indeed, the PRO line products work in complete synergy, making the installation and commissioning operations extremely simple and immediate.



High hardware and software quality

The PRO line products feature high quality from both hardware and software point of view. Indeed, cameras and DVR/NVR devices are realized employing efficient hardware and software solutions that make them extremely reliable, stable and long-lasting products.



Remote viewing and management

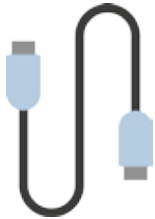
The recording devices can be managed both from a local PC Client using the provided NVMS1000 software application, and remotely through Internet Explorer. Moreover, it is possible to gain access to the recorded frames via smartphone using the SUPERLIVE PLUS (for Android and iOS) and e-Connect (for Android, iOS and Windows Phone) apps.

PRO AHD Systems

AHD / TVI / CVI 2 Mpx systems

AHD 4 Mpx systems

Coaxial cables



High definition requires a coaxial cable: cameras and DVRs are connected through RG59 cables, the same as in analogue video surveillance. It is thus possible to use existing wirings and reduce installation costs and time.

Up to 4K resolution



PRO AHD systems support the 4 Mpx and Full-HD 1080p standards. The high qualitative level of the images will be noticed immediately.

Hybrid systems



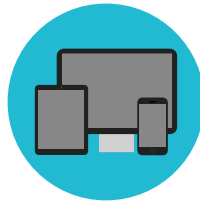
DVRs can integrate several cameras: AHD / CVI / TVI / CVBS / IP PRO and ONVIF S Profile. Moreover, cameras may be set as AHD / CVI / TVI / CVBS and be connected to third-party DVR devices.

Quick and easy



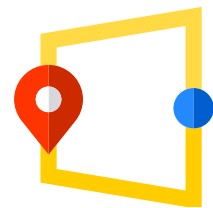
The AHD technology ensures ease of deployment, both in creating new systems and in updating existing ones. No complex IP network is needed: all you need to do is replace existing cameras and DVRs with the components of the AHD range and your system will be ready for use.

Remote view



Remote image view may be carried out from local PC Client via LAN, or remotely through the Internet Explorer web browser. Furthermore, from smartphones you may access images coming from DVRs.

Up to 300 m



With AHD technology, you may overcome the usual distance limits of analogue technologies. You may indeed connect the DVR to AHD cameras with a distance up to 300 m, thus 3 times farther than a traditional system.

PRO IP Systems

2 Mpx / 4 Mpx / 4K systems

H.265



IP 4 Mpx and 4K cameras from the PRO line implement compression algorithms H.264 and H.265. In this way, band allocation is reduced and the compatibility with old- and new-generation NVRs is guaranteed.

Up to 4K



The IP PRO systems support the 4K, 4 Mpx, 3 Mpx and 2 Mpx standards. For each resolution, several formats (bullet, minidome and speed dome) with various lens types are available.

On-board analytics



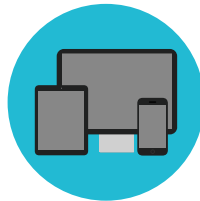
The IP PRO 4K and 4Mpx cameras are equipped with on-board analytics. This means cameras can carry out specific simplified videoanalysis functions: line crossing and detection of abandoned or removed objects.

Plug & Play



Thanks to the Plug&Play function, cameras and NVRs of the IP PRO line can work in synergy: cameras are self-configuring and may be installed simply and quickly, without having to deal with complex settings.

Remote management



Remote image management may be carried out from your local PC Client via LAN, or remotely through the Internet Explorer web browser. Furthermore, from smartphones you may access images coming from the NVRs.

PoE



IP PRO cameras support the PoE (Power over Ethernet) technology. It is thus possible to power cameras directly through the data network cable, simplifying installation and reducing the cost of wiring.

ULTRASENSE Cameras

High-performance cameras in low lighting conditions

Dedicated sensor for vision in low lighting conditions



PRO cameras belonging to the ULTRASENSE series feature a specific sensor that makes them extremely performing in low lighting conditions.

Delayed black-and-white switching



PRO ULTRASENSE cameras allow recording colour images even in extremely low lighting conditions: the ULTRASENSE cameras keep colour vision when traditional cameras would have already switched to black-and-white vision.

Excellent black-and-white vision performances



ULTRASENSE cameras show their effectiveness in extremely dark locations even in black-and-white vision: images will be sharp, detailed and without digital noise.

Suitable for use in dark locations or where IR refraction is low



ULTRASENSE cameras are especially recommended in installation locations where lighting is extremely low (always or just in some parts of the day), or where no objects exist that can reflect the light emitted by IR illuminators (football pitches, gardens etc.).

ULTRASENSE cameras: application examples

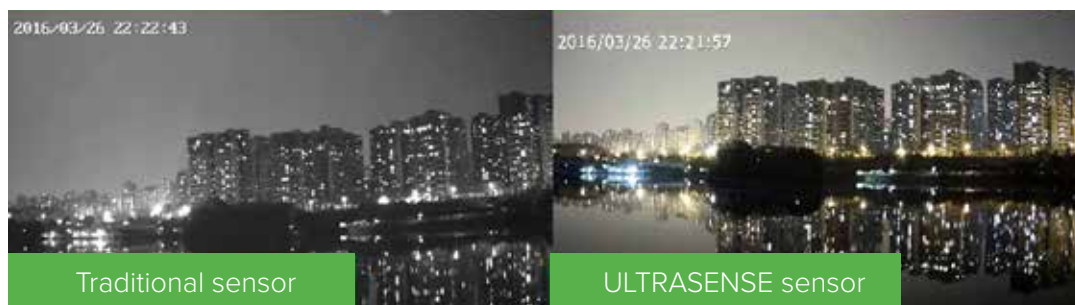
Delayed black-and-white switching



- **Situation:** the comparison was carried out between cameras with the same resolution/lenses, installed side by side in a location where light conditions changed.

- **Result:** As the sun light fades, traditional cameras switch to black-and-white mode. Conversely, ULTRASENSE cameras keep recording in colour thanks to the special sensor they are equipped with.

- **Advantages:** images and colours contain more pieces of information and they perform their purpose better from a security point of view.



Better details in dark conditions



- **Situation:** the comparison was carried out between cameras with the same resolution/lenses, installed side by side in a totally dark location.

- **Result:** The ULTRASENSE sensor, unlike the traditional sensor, allows capturing sharp images with a good contrast level.

- **Advantages:** the resulting images are rich in details and allow optimally viewing the scene, in spite of the unfavourable conditions.





VCA functions

On-board analytics on IP 4 Mpx and 4K cameras



Area intrusion detection

The cameras trigger alarms in case one or more people enter a previously set area.



Line crossing

The cameras trigger alarms in case one or more people cross a previously set line.



Defocus

The cameras trigger alarms in case of focusing loss.



Colour cast

The cameras trigger alarms in case of sudden changes of the scene colour.



Abandoned object

The cameras trigger alarms when they detect the presence of an abandoned object within the protected location.



Removed object

The cameras trigger alarms when they detect an object has been removed from the protected location.



NVR/DVR control interface

Directly controlling the management equipment through its integrated OSD interface is the simplest way to setup and manage a CCTV system. For this purpose, the PRO line equips its DVR and NVR devices with an extremely simple control panel, organized clearly and

schematically. From the DVR/NVR, you can set the parameters of the cameras (even those related to the lenses of the motorized cameras) and of the recordings, manage system alarms, configure the network and view live/playback images.



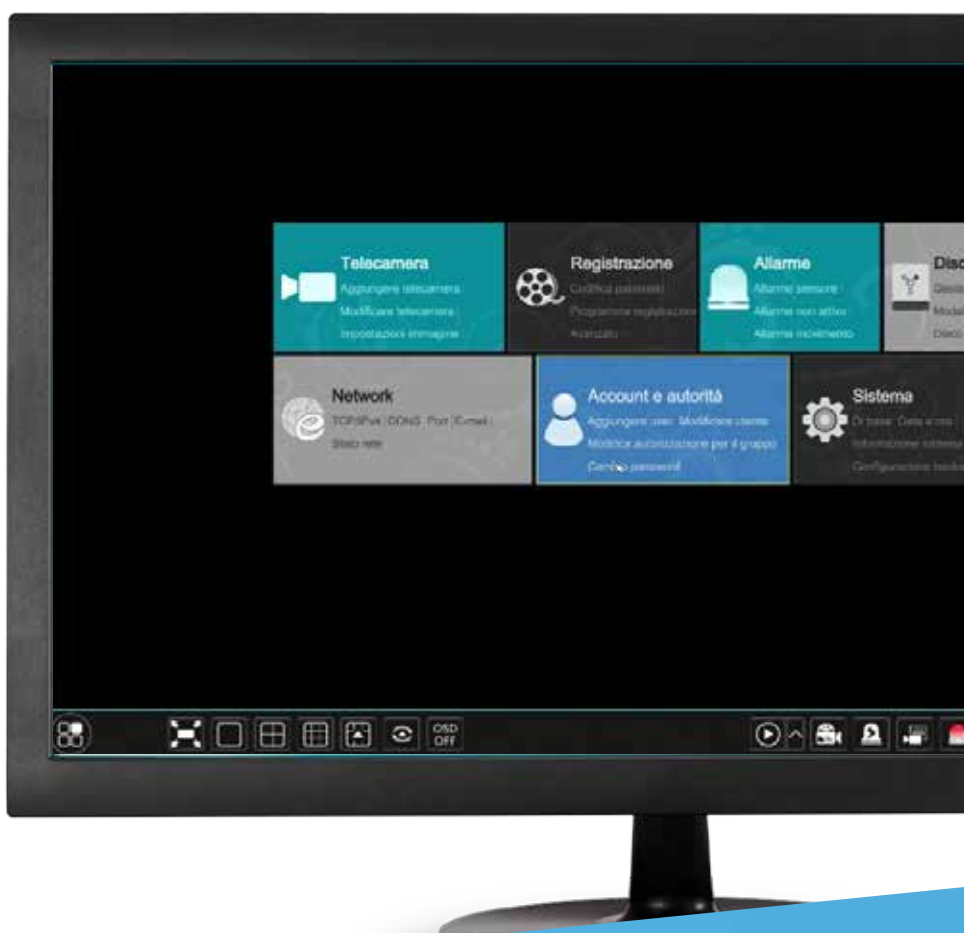
Simple and intuitive interface



Simplified configuration

What can I do with the DVR/NVR software interface?

- Manage all camera functions: set parameters, motion, PTZ, etc.
- Manage the recordings: resolution, frame rate, automatic/manual mode, hourly programming etc.
- Manage the hard drives: monitor the drive operating status, visualize the number of drives etc.
- View the recorded images: instant playback, search by time, hour, event, tag etc.
- Manage the alarms: manage alarm inputs and outputs, motion events etc.
- Manage the accounts: creation, authorization enabling etc.
- Configure the network parameters: network ports, DDNS



NVMS1000

NVMS1000 is the centralisation client software that allows managing PRO systems. Through local or remote (via TCP/IP) client workstations, it is possible to manage PRO systems by

means of a powerful software tool that features an essential and simple interface and is rich in potentialities.



Monitoring and supervision workstation



Remote system configuration



What can I do with NVMS1000?

- Live images viewing
- Quick recording playback
- Device and alarm management
- Language choice
- System map management
- User authorization enabling and management
- Data backup
- Possibility to distribute the functions on several monitors (live monitoring, playback viewing, maps, main menu etc.)

e-Connect app

Web platform for security systems

e-Connect is the innovative web platform that allows managing, centralise and supervise EL.MO. intrusion detection systems. Aimed at final users, installers and distributors, it features a very simple and extremely effective interface.

e-Connect allows full integration of PRO line CCTV systems with EL.MO. intrusion detection systems: only one platform able to manage an entire security system.

With e-Connect you can:

- Monitor the cameras in your e-Vision® CCTV system directly from your smartphone or tablet.
- Check the status of your intrusion detection system: powering, battery, alarm status.
- Enable or disable devices by simply touching the icons on the map.
- Control your lighting, heating and irrigation systems.
- Remotely program the thermostat and manage the temperature of your house.
- Enable and disable several areas of your house.
- Receive notifications for each event in real time.
- Manage several systems with one single account: house, office, holiday house etc.



SUPERLIVE PLUS app

SUPERLIVE PLUS is the app dedicated to the management and supervision of CCTV PRO systems. The simple, minimal and extremely clear interface allows any user, even the less experienced ones, to view the images from their systems in

real time, to control the zoom of the motorized cameras and the PTZ of the speed domes and, through several filters, to view recorded images (playback function).



Viewing of all the channels



Playback viewing







PTZ camera control












Single channel configuration
















2 Mpx AHD / TVI / CVI / CVBS multistandard bullet cameras

Bullet	PRO211A	PRO212A
Product code	TIAHD0400100	TIAHD0400200
		
		
	3.6mm fixed lens 2 Mpx resolution	2.8 ÷ 12mm varifocal lens 2 Mpx resolution
Sensor	1 / 2.9" CMOS	1 / 2.9" CMOS
Resolution	2 Mpx (1920 x 1080p)	2 Mpx (1920 x 1080p)
Video standard	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Minimum illumination	0 Lux (IR LED ON)	0 Lux (IR LED ON)
Lens	3.6 mm fixed @ M12	2.8 ÷ 12mm varifocal @ D14
Electronic Shutter	1 / 50s ÷ 1 / 100000s	1 / 50s ÷ 1 / 100000s
S/N Ratio	>52 dB (AGC off)	>52 dB (AGC off)
Frame rate	30 fps	30 fps
Max extension of RG59 connection	Up to 300 meters	Up to 300 meters
True Day&Night function	Yes	Yes
BLC/HLC	Yes	Yes
AGC	Yes	Yes
Defect Correction	Auto	Auto
DWDR function	Yes	Yes
DNR function	Yes	Yes
Defog function	Yes	Yes
Auto White Balance	Yes	Yes
Front Light Compensation	Yes	Yes
IR illuminator	30m range, SMART IR function	30m range, SMART IR function
Privacy Zones/ Motion Detection	Yes / Yes	Yes / Yes
OSD menù	Yes	Yes
Mechanical adjustment	On 3 axes	On 3 axes
Housing	Aluminium alloy, internal cable routing	Aluminium alloy, internal cable routing
Protection class/ vandal proof	IP66 / IK10	IP66 / IK10
Operating conditions	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %
Dimensions	Diameter 87 x P 219 mm	Diameter 87 x P 219 mm
Power supply / consumption	12Vdc, max 600mA	12Vdc, max 450mA
Power supply unit (optional)	Requires TLCALVS2, TLCAL4 or TLCAL5	Requires TLCALVS2, TLCAL4 or TLCAL5

Accessories	PROBB4	PROPMB1	PROAMB1
			
	Outdoor back box	Pole mount collar (PROBB4 required)	Angle mount bracket (PROBB4 required)
PRO211A			
PRO212A			

2 Mpx AHD / TVI / CVI / CVBS multistandard minidome cameras

Minidome	PRO221A	PRO222A
Product code	TIAHD0500100	TIAHD0500200
		
		
	3.6mm fixed lens 2 Mpx resolution	2.8 ÷ 12mm varifocal lens 2 Mpx resolution
Sensor	1 / 2.9" CMOS	1 / 2.9" CMOS
Resolution	2 Mpx (1920 x 1080p)	2 Mpx (1920 x 1080p)
Video standard	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Minimum illumination	0 Lux (LED IR ON)	0 Lux (LED IR ON)
Lens	3.6 mm fixed @ M12	2.8 ÷ 12mm varifocal @ D14
Electronic Shutter	1 / 50s ÷ 1 / 100000s	1 / 50s ÷ 1 / 100000s
S/N Ratio	>52 dB (AGC off)	>52 dB (AGC off)
Frame rate	30 fps	30 fps
Max extension of RG59 connection	Up to 300 meters	Up to 300 meters
True Day&Night function	Yes	Yes
BLC/HLC	Yes	Yes
AGC	Yes	Yes
Defect Correction	Auto	Auto
DWDR function	Yes	Yes
DNR function	Yes	Yes
Defog function	Yes	Yes
Auto White Balance	Yes	Yes
Front Light Compensation	Yes	Yes
IR illuminator	20m range, SMART IR function	30m range, SMART IR function
Privacy Zones/ Motion Detection	Yes / Yes	Yes / Yes
OSD menù	Yes	Yes
Mechanical adjustment	On 3 axes	On 3 axes
Housing	Aluminium alloy, internal cable routing	Aluminium alloy, internal cable routing
Protection class/ vandal proof	IP66 / Yes	IP66 / Yes
Operating conditions	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %
Dimensions	Diameter 87 x H 108 mm	Diameter 109 x 130 mm
Power supply / consumption	12Vdc, max 550 mA	12Vdc, max 400 mA
Power supply unit (optional)	Requires TLCALVS2, TLCAL4 or TLCAL5	Requires TLCALVS2, TLCAL4 or TLCAL5

Accessories	PROBB5	PROBB6	PROWMB3	PROWMB2	PROCMB6	PROCMB5	PROWMB4	PROPMB1	PROAMB1
									
	Outdoor back box	Outdoor back box	Outdoor wall mount bracket (PROBB5 required)	Outdoor wall mount bracket (PROBB6 required)	Ceiling mount bracket (PROBB5 required)	Ceiling mount bracket (PROBB6 required)	Indoor wall mount bracket	Pole mount collar (wall mount + back box required)	Angle mount bracket (wall mount + back box required)
PRO221A	✓	-	✓	-	✓	-	-	✓	✓
PRO222A	-	✓	-	✓	-	✓	✓	✓	✓



2 Mpx AHD / CVBS Speed Dome camera

Speed dome	PRO231A
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Product code	TIAHD0400100 (AHD default) TIAHD0400200 (CVBS default)
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2 Mpx AHD Speed Dome

Sensor	1 / 3" CMOS
Resolution	2 Mpx (1920 x 1080p) / 960H
Video standard	AHD / CVBS
Lens	4,7 - 94 mm (20x optical zoom) Autoiris
Telemetry management	AHD standard: directly through coaxial cable CVBS standard: through RS485 serial line
PAN horizontal rotation	360° continuous
PAN speed	0.1° ~ 220°/s
TILT vertical rotation	0 ~ 90°
TILT speed	0.1° ~ 180°/s
Manual speed	0.4° ~ 320°/s.
Preset speed	220°/s
Preset	128
Scan	355° programmable, 4 scan
True Day&Night function	Yes
HLC	Yes
Auto White Balance	Yes
Defog	Yes
DNR function	High - Medium - Low - OFF - Auto
IR Illuminato	100 m range, adaptive IR
Protocols	PELCO-D and PELCO-P
Serial interface	RS485
Protection class	IP66
Lightning/static protectiton	Yes (up to 4 KV)
Operating conditions	-10 - 60° C; Humidity < 95%
Dimensions and weight	Diameter 239 x 350 mm - Wall and ceiling mount brackets (provided)
Power supply / consumption	24Vdc / 2 A (max 50W) with provided power supply

Telemetrie compatibili con DVR linea PRO 2 e 4 Mpx





Accessories	PROPMB2
	<p>Pole mount collar</p>
PRO231A	✔










2 Mpx Multistandard DVR

DVR	PRODVR204A	PRODVR208A	PRODVR216A
Product code	VRPRO0000100	VRPRO0000200	VRPRO0000300
			
			
	4 BNC channels + 1 IP	8 BNC channels + 1 IP	16 BNC channels + 4 IP
Operating system	Embedded (Linux)	Embedded (Linux)	Embedded (Linux)
Video standard	AHD / TVI / CVI / IP / Analogue	AHD / TVI / CVI / IP / Analogue	AHD / TVI / CVI / IP / Analogue
Video channels	4 BNC inputs for 1080p AHD / TVI / CVI cameras, 960H and 1000TVL analogue cameras + 1 IP camera	8 BNC inputs for 1080p AHD / TVI / CVI cameras, 960H and 1000TVL analogue cameras + 1 IP camera	16 BNC inputs for 1080p AHD / TVI / CVI cameras, 960H and 1000TVL analogue cameras + 4 IP cameras
Max extension of RG59 connection	300 meters	300 meters	300 meters
Compression	H.264	H.264	H.264
Video bit rate	768Kbps - 8Mbps	768Kbps - 8Mbps	768Kbps - 8Mbps
Video Outputs	1 x VGA, 1 x HDMI, 1 x BNC	1 x VGA, 1 x HDMI, 1 x BNC	1 x VGA, 1 x HDMI, 1 x BNC
Live view	1/4/9	1/4/9/16	1/4/9/16/25
Recording	AHD / TVI / CVI cameras 15 fps @ 1080p 30 fps @ 720p IP cameras: 30 fps @ 1080p	AHD / TVI / CVI cameras 15 fps @ 1080p 30 fps @ 720p IP cameras: 15 fps @ 3Mpx / 30 fps @ 1080p	AHD / TVI / CVI cameras 12 fps @ 1080p 30 fps @ 720p IP cameras: 30 fps @ 3Mpx
Playback	1-4 channels	1-8 channels	1-16 channels
Search mode	Time slice / time / event / tag search	Time slice / time / event / tag search	Time slice / time / event / tag search
Cameras management	OSD menu and motorized lens (only for cameras with motorized lens)	OSD menu and motorized lens (only for cameras with motorized lens)	OSD menu and motorized lens (only for cameras with motorized lens)
Audio compression	G.711A	G.711A	G.711A
Audio inputs / outputs	4 x RCA / 1 x RCA	4 x RCA / 1 x RCA	4 x RCA / 1 x RCA
2 way audio	Yes	Yes	Yes
Max HDD installable	1 (not supplied) max 6TB	1 (not supplied) max 6TB	2 (not supplied) max 6TB
Fanless	Yes	Yes	-
Internet Explorer compatibility	Yes	Yes	Yes
Smartphone compatibility	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPER-LIVE PLUS (for ANDROID and iOS)	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPER-LIVE PLUS (for ANDROID and iOS)	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPER-LIVE PLUS (for ANDROID and iOS)
Local management software (included)	Yes (NVMS1000 supplied)	Yes (NVMS1000 supplied)	Yes (NVMS1000 supplied)
Alarm interface	4 IN / 1 OUT	4 IN / 1 OUT	4 IN / 1 OUT
Network interface	1 x Ethernet RJ45 10/100 Mbps	1 x Ethernet RJ45 10/100 Mbps	1 x Ethernet RJ45 10/100 Mbps
Protocols	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP	TCP / IP, UDP, DHCP, DNS, DDNS, PPPOE
USB interface	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0
RS485	-	Si	Si
Control interfaces	USB mouse and remote control provided	USB mouse and remote control provided	USB mouse and remote control provided
Operating temperature	From -10°C to +50°C U.R. 10-90%	From -10°C to +50°C U.R. 10-90%	From -10°C to +50°C U.R. 10-90%
Dimensions and weight	W 300 x H 52 x D 249 mm, 1Kg	W 300 x H 52 x D 249 mm, 1Kg	W 380 x H 52 x D 269 mm, 1,5Kg
Power consumption	5W max (without HDD)	8W max (without HDD)	15W max (without HDD)
Power supply	230Vac - 12Vdc / 2 A with external power supply	230Vac - 12Vdc / 2 A with external power supply	230Vac - 12Vdc / 4 A with external power supply















4 Mpx AHD Bullet cameras

Bullet	PRO411A	PRO412A
Product code	TIAHD0600100	TIAHD0600200
	  3.6mm fixed lens 4 Mpx resolution	  2.8 ÷ 12mm varifocal lens 4 Mpx resolution
Sensor	1 / 3" CMOS	1 / 3" CMOS
Resolution	4 Mpx (2592 x 1520p)	4 Mpx (2592 x 1520p)
Video standard	AHD	AHD
Minimum illumination	0 Lux (LED IR ON)	0 Lux (LED IR ON)
Lens	3.6 mm fixed @ M12	2.8 ÷ 12mm varifocal @ D14
Electronic Shutter	1 / 50s ÷ 1 / 100000s	1 / 50s ÷ 1 / 100000s
S/N Ratio	>52 dB (AGC off)	>52 dB (AGC off)
Frame rate	30 fps	30 fps
Max extension of RG59 connection	Up to 300 meters	Up to 300 meters
True Day&Night function	Yes	Yes
BLC/HLC	Yes	Yes
AGC	Yes	Yes
Defect Correction	Auto	Auto
DWDR / DNR function	Yes / Yes	Yes / Yes
Defog function	Yes	Yes
Auto White Balance	Yes	Yes
Front Light Compensation	Yes	Yes
IR illuminator	30m range, SMART IR function	30m range, SMART IR function
Privacy Zones/ Motion Detection	Yes / Yes	Yes / Yes
OSD menu	Yes, with PRO series DVRs	Yes, with PRO series DVRs
Mechanical adjustment	On 3 axes	On 3 axes
Housing	Aluminium alloy, internal cable routing	Aluminium alloy, internal cable routing
Protection class/ vandal proof	IP66 / IK10	IP66 / IK10
Operating conditions	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %
Dimensions	Diameter 87 x P 219 mm	Diameter 87 x P 219 mm
Power supply / consumption	12Vdc, max 400mA	12Vdc, max 350mA
Power supply unit (optional)	Requires TLCALVS2, TLCAL4 or TLCAL5	Requires TLCALVS2, TLCAL4 or TLCAL5

Accessories	PROBB4	PROPMB1	PROAMB1
	 Outdoor back box	 Pole mount collar (PROBB4 required)	 Angle mount bracket (PROBB4 required)
PRO411A			
PRO412A			





4 Mpx AHD Minidome cameras

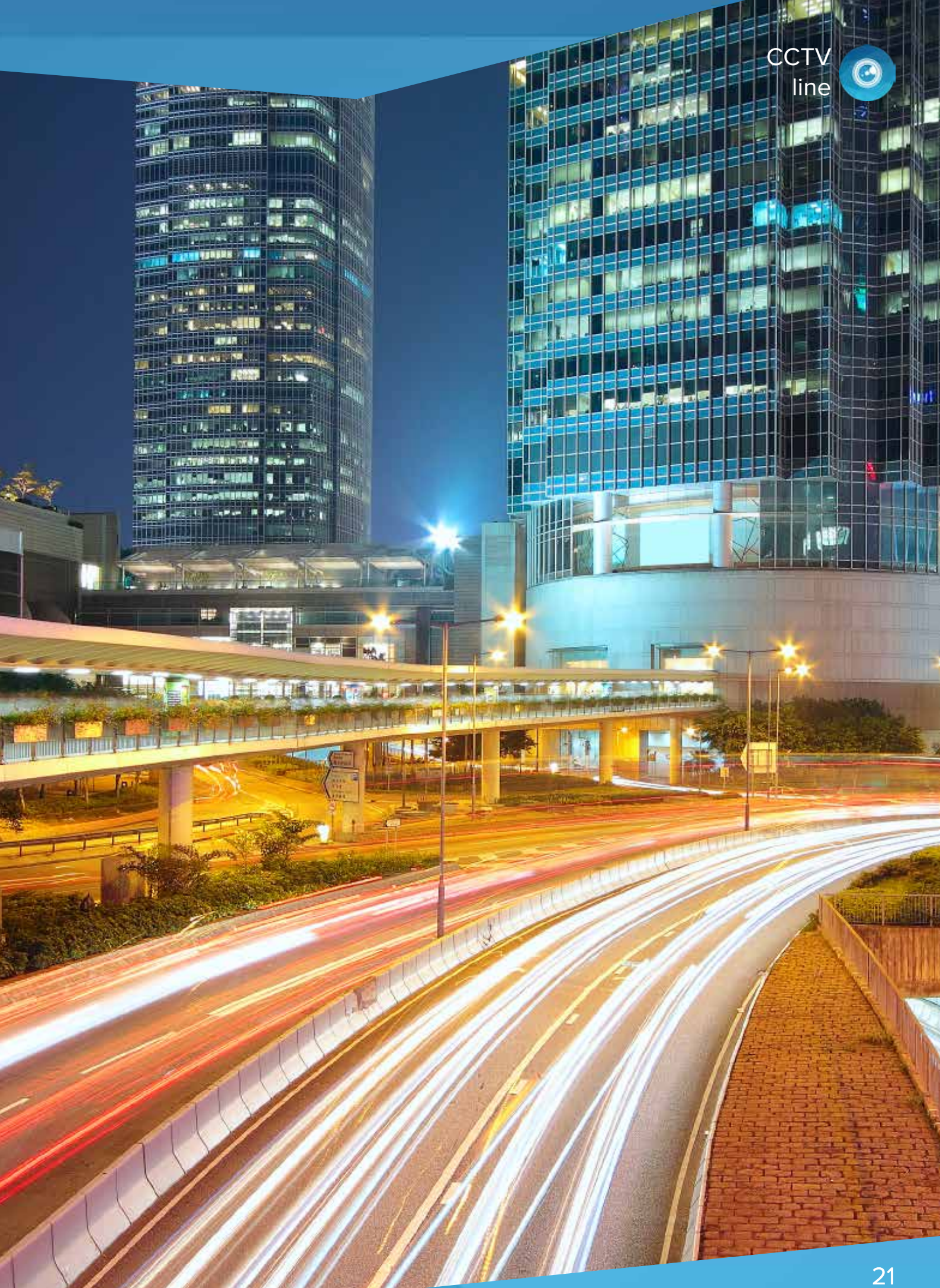
Minidome	PRO421A	PRO422A
Product code	TIAHD0700100	TIAHD0700500
	  3.6mm fixed lens 4 Mpx resolution	  3.3 ÷ 12mm varifocal lens 4 Mpx resolution
Sensor	1 / 3 "CMOS	1 / 3 "CMOS
Resolution	4 Mpx (2592 x 1520p)	4 Mpx (2592 x 1520p)
Video standard	AHD	AHD
Minimum illumination	0 Lux (IR LED ON)	0 Lux (LED IR ON)
Lens	3.6 mm fixed @ M12	Varifocal 2,8-12 mm @ M12
Electronic Shutter	1 / 50s ÷ 1 / 100000s	1 / 50s ÷ 1 / 100000s
S/N Ratio	>52 dB (AGC off)	>52 dB (AGC off)
Frame rate	30 fps	30 fps
Max extension of RG59 connection	Up to 300 meters	Up to 300 meters
True Day&Night function	Yes	Yes
BLC/HLC	Yes	Yes
AGC	Yes	Yes
Defect Correction	Auto	Auto
DWDR function/DNR function	Yes / Yes	Yes / Yes
Defog function	Yes	Yes
Auto White Balance	Yes	Yes
Front Light Compensation	Yes	Yes
IR illuminator	20m range, SMART IR function	30m range, SMART IR function
Privacy Zones/ Motion Detection	Yes / Yes	Yes / Yes
OSD menù	Yes, with PRO series DVRs	Yes, with PRO series DVRs
Mechanical adjustment	On 3 axes	On 3 axes
Housind	Aluminium alloy, internal cable routing	Aluminium alloy, internal cable routing
Protection class / vandal proof	IP66 / Yes	IP66 / IK10
Operating conditions	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %
Dimensions	Diameter 87 x H 108 mm	Diameter 150 x P 114 mm, 1 Kg
Power supply / consumption	12Vdc, max 250mA	12Vdc, max 600mA
Power supply unit (optional)	Requires TLCALVS2, TLCAL5 or TLCAL4	Requires TLCALVS2, TLCAL5 or TLCAL4

Accessories	PROBB5	PROBB6	PROWMB3	PROWMB2	PROCMB6	PROCMB5	PROPMB1	PROAMB1
								
	Outdoor back box	Outdoor back box	Outdoor wall mount bracket (PROBB5 required)	Outdoor wall mount bracket (PROBB6 required)	Ceiling mount bracket (PROBB5 required)	Ceiling mount bracket (PROBB6 required)	Pole mount collar (wall mount + back box required)	Angle mount bracket (wall mount + back box required)
PRO421A	✓	-	✓	-	✓	-	✓	✓
PRO422A	-	✓	-	✓	-	✓	✓	✓






















4 Mpx Multistandard DVR

DVR	PRODVR404A	PRODVR408A	PRODVR416A
Product code	VRPRO0000400	VRPRO0000500	VRPRO0000600
	 		
	4 BNC channels + 1 IP	8 BNC channels + 4 IP	16 BNC channels + 4 IP
Operating system	Embedded (Linux)	Embedded (Linux)	Embedded (Linux)
Video standard	AHD / TVI / CVI / IP / Analogue	AHD / TVI / CVI / IP / Analogue	AHD / TVI / CVI / IP / Analogue
Video channels	4 BNC inputs for AHD cameras (4Mpx / 3Mpx / 1080p / 720p) / TVI and CVI (1080p / 720p), 960H e 1000TVL analogue cameras + 1 IP camera	8 BNC inputs for AHD cameras (4Mpx / 3Mpx / 1080p / 720p) / TVI and CVI (1080p / 720p), 960H e 1000TVL analogue cameras + 4 IP cameras	16 BNC inputs for AHD cameras (4Mpx / 3Mpx / 1080p / 720p) / TVI and CVI (1080p / 720p), 960H e 1000TVL analogue cameras + 4 IP cameras
Max extension of RG59 connection	300 meters	300 meters	300 meters
Compression	H.264	H.264	H.264
Video bit rate	768Kbps - 8Mbps	768Kbps - 8Mbps	768Kbps - 8Mbps
Video outputs	1 x VGA, 1 x HDMI, 1 x BNC	1 x VGA, 1 x HDMI, 1 x BNC	1 x VGA, 1 x HDMI, 1 x BNC
View	1/4/9	1/4/9/16	1/4/9/16/25
Recording	AHD / TVI / CVI cameras 15 fps @ 4Mpx o 3Mpx (AHD) 30 fps @ 1080p / 720p (TVI / CVI) IP cameras: 15 fps @ 3Mpx / 30 fps @ 1080p	AHD / TVI / CVI cameras 15 fps @ 4Mpx o 3Mpx (AHD) 30 fps @ 1080p / 720p (TVI / CVI) IP cameras: 30 fps @ 4Mpx / 3Mpx / 1080p	AHD / TVI / CVI cameras 15 fps @ 4Mpx o 3Mpx (AHD) 30 fps @ 1080p / 720p (TVI / CVI) IP cameras: 30 fps @ 4Mpx / 3Mpx / 1080p
Playback	1-4 channels	1-8 channels	1-16 channels
Search mode	Time slice / time / event / tag search	Time slice / time / event / tag search	Time slice / time / event / tag search
Cameras management	OSD menu and motorized lens (only for cameras with motorized lens)	OSD menu and motorized lens (only for cameras with motorized lens)	OSD menu and motorized lens (only for cameras with motorized lens)
Audio compression	G.711A	G.711A	G.711A
Audio inputs	4 x RCA / 1 x RCA	4 x RCA / 1 x RCA	4 x RCA / 1 x RCA
2 way audio	Yes	Yes	Yes
Max HDD installable	1 (not provided) max 6TB	2 (not provided) max 6TB	2 (not provided) max 6TB
Fanless	Yes	-	-
Internet Explorer compatibility	Yes	Yes	Yes
Smartphone compatibility	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPER-LIVE PLUS (for ANDROID and iOS)	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPER-LIVE PLUS (for ANDROID and iOS)	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPER-LIVE PLUS (for ANDROID and iOS)
Local management software (provided)	Yes (NVMS1000 provided)	Yes (NVMS1000 provided)	Yes (NVMS1000 provided)
Alarm interface	4 IN / 1 OUT	4 IN / 1 OUT	4 IN / 1 OUT
Network interface	1 x Ethernet RJ45 10/100 Mbps	1 x Ethernet RJ45 10/100 Mbps	1 x Ethernet RJ45 10/100 Mbps
Protocols	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
USB interface	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0
RS485	Yes	Yes	Yes
Control interfaces	USB mouse and remote control provided	USB mouse and remote control provided	USB mouse and remote control provided
Operating temperature	From -10°C to +50°C U.R. 10-90%	From -10°C to +50°C U.R. 10-90%	From -10°C to +50°C U.R. 10-90%
Dimensions and weight	W 300 x H 52 x D 249 mm, 1Kg	W 380 x H 52 x D 269 mm, 1,5Kg	W 380 x H 52 x D 269 mm, 1,5Kg
Power consumption	5W max (without HDD)	15W max (without HDD)	18W max (without HDD)
Power supply	230Vac - 12Vdc / 2 A with external power supply	230Vac - 12Vdc / 4 A with external power supply	230Vac - 12Vdc / 4 A with external power supply



















IP 2 Mpx H.264+ bullet cameras

Bullet	PRO211I	PRO212I	PRO213I
Product code	IIPRO0000100	IIPRO0000200	IIPRO0000300
			
			 
	3.6mm fixed lens 2 Mpx resolution	2.8-12mm varifocal lens 2 Mpx resolution	2.8-12mm varifocal motorized lens 2 Mpx resolution
Sensor	1 / 2.8" CMOS	1 / 2.8" CMOS	1 / 2.8" CMOS
Resolution	2 Mpx	2 Mpx	2 Mpx
Compression	H.264+ / H.264	H.264+ / H.264	H.265 / H.264+ / H.264
Frame rate	Up to 30 fps at 2 Mpx	Up to 30 fps at 2 Mpx	Up to 30 fps at 2 Mpx or 15 fps at 4 Mpx
Video streaming	3	3	3
Minimum illumination	0.1 lux @ F1.2, AGC ON (IR LED OFF) / 0 lux (IR LED ON)	0.1 lux @ F1.2, AGC ON (IR LED OFF) / 0 lux (IR LED ON)	0.1 lux @ F1.2, AGC ON (IR LED OFF) / 0 lux (IR LED ON)
Lens	3.6 mm fixed lens @ F1.6 79° view angle	2.8-12 mm varifocal lens @ F1.4 96°-35° view angle	2.8-12 mm varifocal motorized lens @ F1.4, 96°-35° angle view Zoom managed by PRO series NVR or SUPERLIVE PLUS App
Electronic Shutter	1 / 25s ÷ 1 / 100000s	1 / 25s ÷ 1 / 100000s	1 / 25s ÷ 1 / 100000s
ROI	3 (settable)	3 (settable)	3 (settable)
True Day&Night function	Yes	Yes	Yes
BLC / HLC	Yes	Yes	Yes
AGC / Auto White Balance	Yes / Yes	Yes / Yes	Yes / Yes
WDR function	DWDR / 3D DNR	DWDR / 3D DNR	DWDR / 3D DNR
Defog function	Yes	Yes	Yes
IR illuminator	30m range, SMART IR function	30m range, SMART IR function	30m range, SMART IR function
Privacy Zones/ Motion Detection	Yes / Yes	Yes / Yes	Yes / Yes
Network protocols	TCP/IP, UDP, DHCP, NTP, RTSP, DDNS, SMTP, FTP, ONVIF		
NVR compatibility	Compatibility with PRO series NVR in direct configuration and compliant with ONVIF S profile	Compatibility with PRO series NVR in direct configuration and compliant with ONVIF S profile	Compatibility with PRO series NVR in direct configuration and compliant with ONVIF S profile
Remote monitoring	Browser IE, NVMS1000, SUPERLIVE PLUS and e-Connect apps	Browser IE, NVMS1000, SUPERLIVE PLUS and e-Connect apps	Browser IE, NVMS1000, SUPERLIVE PLUS and e-Connect apps
OSD menu	Yes	Yes	Yes
Network interface	1 x RJ-45	1 x RJ-45	1 x RJ-45
Mechanical adjustment	On 3 axes	On 3 axes	On 3 axes
Housind	Aluminium alloy, internal cable routing	Aluminium alloy, internal cable routing	Aluminium alloy, internal cable routing
Protection class / vandal proof	IP66 / IK10	IP66 / IK10	IP66 / IK10
Operating conditions	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %
Dimensions and weight	Diameter 87 x P 219 mm, 600g	Diameter 87 x P 219 mm, 600g	Diameter 87 x P 219 mm, 600g
Power supply / consumption	12Vdc / PoE, max 500 mA	12Vdc / PoE, max 500 mA	12Vdc / PoE, max 600 mA








Accessories	PROBB4	PROPMB1	PROAMB1
			
	Outdoor back box	Pole mount collar (PROBB4 required)	Angle mount bracket (PROBB4 required)
PRO211I			
PRO212I			
PRO213I			



IP 2 Mpx H.264+ minidome cameras

Minidome	PRO221I	PRO222I	PRO223I
Product code	IMPRO0000100	IMPRO0000200	IMPRO0000300
			
			 
	3.6mm fixed lens 2 Mpx resolution	2.8-12mm varifocal lens 2 Mpx resolution	2.8-12mm varifocal motorized lens 2 Mpx resolution
Sensor	1 / 2.8" CMOS	1 / 2.8" CMOS	1 / 2.8" CMOS
Resolution	2 Mpx	2 Mpx	2 Mpx
Compression	H.264+ / H.264	H.264+ / H.264	H.265 / H.264+ / H.264
Frame rate	Up to 30 fps at 2 Mpx	Up to 30 fps at 2 Mpx	Up to 30 fps at 2 Mpx or 15 fps at 4 Mpx
Video streaming	3	3	3
Minimum illumination	0.1 lux @ F1.2, AGC ON (IR LED OFF) / 0 lux (IR LED ON)	0.1 lux @ F1.2, AGC ON (IR LED OFF) / 0 lux (IR LED ON)	0.1 lux @ F1.2, AGC ON (IR LED OFF) / 0 lux (IR LED ON)
Lens	3.6 mm fixed lens @ F1.6 79° view angle	2.8-12 mm varifocal lens @ F1.4 96°-35° view angle	2.8-12 mm varifocal motorized lens @ F1.4, 96°-35° angle view Zoom managed by PRO series NVR or SUPERLIVE PLUS App
Electronic Shutter	1 / 25s ÷ 1 / 100000s	1 / 25s ÷ 1 / 100000s	1 / 25s ÷ 1 / 100000s
ROI	3 (settable)	3 (settable)	3 (settable)
True Day&Night function	Yes	Yes	Yes
BLC/HLC	Yes	Yes	Yes
AGC / Auto White Balance	Yes / Yes	Yes / Yes	Yes / Yes
WDR function / DNR function	DWDR / 3D DNR	DWDR / 3D DNR	DWDR / 3D DNR
Defog function	Yes	Yes	Yes
IR illuminator	20m range, SMART IR function	30m range, SMART IR function	30m range, SMART IR function
Privacy Zones/ Motion Detection	Yes / Yes	Yes / Yes	Yes / Yes
Network protocols	TCP/IP, UDP, DHCP, NTP, RTSP, DDNS, SMTP, FTP, ONVIF		
NVR compatibility	Compatibility with PRO series NVR in direct configuration and compliant with ONVIF S profile	Compatibility with PRO series NVR in direct configuration and compliant with ONVIF S profile	Compatibility with PRO series NVR in direct configuration and compliant with ONVIF S profile
Remote management	Browser IE, NVMS1000, SUPERLIVE PLUS and e-Connect apps	Browser IE, NVMS1000, SUPERLIVE PLUS and e-Connect apps	Browser IE, NVMS1000, SUPERLIVE PLUS and e-Connect apps
OSD menu	Yes	Yes	Yes
Network interface	1 x RJ-45	1 x RJ-45	1 x RJ-45
Mechanical adjustment	On 3 axes	On 3 axes	On 3 axes
Housing	Aluminium alloy, internal cable routing	Aluminium alloy, internal cable routing	Aluminium alloy, internal cable routing
Protection class / vandal proof	IP66 / Yes	IP66 / Yes	IP66 / Yes
Operating conditions	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %
Dimensions and weight	Diameter 87 x P 109 mm, 430g	Diameter 109 x P 130 mm, 700g	Diameter 109 x P 130 mm, 700g
Power supply / consumption	12Vdc / PoE, max 400mA	12Vdc / PoE, max 400 mA	12Vdc / PoE, max 600 mA









Accessori	PROBB5	PROBB6	PROWMB3	PROWMB2	PROCMB6	PROCMB5	PROWMB4	PROPMB1	PROAMB1
									
	Outdoor back box	Outdoor back box	Outdoor wall mount bracket (PROBB5 required)	Outdoor wall mount bracket (PROBB6 required)	Ceiling mount bracket (PROBB5 required)	Ceiling mount bracket (PROBB6 required)	Indoor wall mount bracket	Pole mount collar (wall mount + back box required)	Angle mount bracket (wall mount + back box required)
PRO221I	✓	-	✓	-	✓	-	-	✓	✓
PRO222I	-	✓	-	✓	-	✓	✓	✓	✓
PRO223I	-	✓	-	✓	-	✓	✓	✓	✓










IP H.265 4 Mpx Bullet cameras

Bullet	PRO411	PRO413I
Product code	IIPRO0100100	IIPRO0100200
		
	  	  
	3.6mm fixed lens 4 Mpx resolution	3.3-12mm varifocal motorized lens 4 Mpx resolution
Sensor	1 / 3" CMOS	1 / 3" CMOS
Resolution	4 Mpx	4 Mpx
Compression	H.265 / H.264+ / H.264	H.265 / H.264+ / H.264
Frame rate	Up to 30 fps in 4 Mpx	Up to 30 fps in 4 Mpx
Video streaming	3	3
Minimum illumination	0.05 lux @ F1.2, AGC ON (IR LED OFF) / 0 lux (IR LED ON)	0.05 lux @ F1.2, AGC ON (IR LED OFF) / 0 lux (IR LED ON)
Lens	3.6 mm fixed lens @ F1.6 72° view angle	3.3-12 mm varifocal motorized lens @ F1.4, 80°-38° angle view Zoom managed by PRO series NVR or SUPERLIVE PLUS App
Electronic Shutter	1 / 25s ÷ 1 / 100000s	1 / 25s ÷ 1 / 100000s
S/N Ratio	>52 dB (AGC off)	>52 dB (AGC off)
Audio compression	G711A	G711A
Analytics on board	Intrusion area detection, color cast, line crossing, removed object, abandoned object, defocus	
ROI	Settable	Settable
True Day&Night function	Yes	Yes
BLC/HLC	Yes	Yes
AGC / Auto White Balance	Yes / Yes	Yes / Yes
WDR / DNR function	120 dB / 3D and 2D DNR	120 dB / 3D and 2D DNR
Defog function	Yes	Yes
IR illuminator	30m range, SMART IR function	50m range, SMART IR function
Privacy Zones/ Motion Detection	Yes / Yes	Yes / Yes
Network protocols	TCP / IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, ONVIF, GB-T/28181-2011	
NVR compatibility	Compatibility with PRO series NVR in direct configuration and compliant with ONVIF S profile	
Remote monitoring	Browser IE, NVMS1000, SUPERLIVE PLUS and e-Connect apps	
OSD menu	Yes	Yes
Network interface	1 x RJ-45	1 x RJ-45
Audio interface	1 x MIC IN	1 x MIC IN, 1 x MIC OUT
Analogue video output	1 x BNC	1 x BNC
Alarm interface	-	1 x IN, 1 x OUT
RS485 interface	-	Yes
Slot for memory card	-	TF card up to 128 GB (optional)
Housing	Aluminium alloy, internal cable routing, adjustment on 3 axes	
Protection class / vandal proof	IP66 / IK10	
Operating conditions	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	
Dimensions and weight	Diameter 87 x P 219 mm, 600g	
Power supply / consumption	12Vdc / PoE, max 450 mA	









Accessories	PROBB4	PROBB5	PROPMB1	PROAMB1
				
	Outdoor back box	Outdoor back box	Pole mount collar (PROBB4 or PROBB5 required)	Angle mount bracket (PROBB4 or PROBB5 required)
PRO411		-		
PRO413I	-			







IP H.265 4 Mpx minidome cameras

Minidome	PRO421I	PRO423I
Product code	IMPRO0100100	IMPRO0100200
		
	  	  
	3.6mm fixed lens 4 Mpx resolution	3.3-12mm varifocal motorized lens 4 Mpx resolution
Sensor	1 / 3" CMOS	1 / 3" CMOS
Resolution	4 Mpx	4 Mpx
Compression	H.265 / H.264+ / H.264	H.265 / H.264+ / H.264
Frame rate	Up to 30 fps in 4 Mpx	Up to 30 fps in 4 Mpx
Video streaming	3	3
Minimum illumination	0.05 lux @ F1.2, AGC ON (IR LED OFF) / 0 lux (IR LED ON)	0,05 lux @ F1.2, AGC ON (IR LED OFF) / 0 lux (IR LED ON)
Lens	3.6 mm fixed lens @ F1.6 72° view angle	3.3-12 mm varifocal motorized lens @ F1.4, 80°-38° angle view Zoom managed by PRO series NVr or SUPERLIVE PLUS App
Electronic Shutter	1 / 25s ÷ 1 / 100000s	1 / 25s ÷ 1 / 100000s
S/N Ratio	>52 dB (AGC off)	>52 dB (AGC off)
Audio compression	G711A	G711A
Analytics on board	Intrusion area detection, color cast, line crossing, removed object, abandoned object, defocus	
ROI	Settable	Settable
True Day&Night function	Yes	Yes
BLC/HLC	Yes	Yes
AGC / Auto White Balance	Yes / Yes	Yes / Yes
WDR function	120 dB	120 dB
DNR function	3D and 2D DNR	3D and 2D DNR
Funzione Defog	Yes	Yes
IR illuminator	20m range, SMART IR function	30m range, SMART IR function
Privacy Zones/ Motion Detection	Yes / Yes	Yes / Yes
Network protocols	TCP / IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, ONVIF, GB-T/28181-2011	
NVR compatibility	Compatibility with PRO series NVR in direct configuration and compliant with ONVIF S profile	
Remote monitoring	Browser IE, NVMS1000, SUPERLIVE PLUS and e-Connect apps	
OSD menu	Yes	Yes
Network interface	1 x RJ-45	1 x RJ-45
Audio interface	1 x MIC IN	1 x MIC IN, 1 x MIC OUT
Analogue video output	1 x BNC	1 x BNC
Mechanical adjustment	Adjustment on 3 axes	Adjustment on 3 axes
Housing	Aluminium alloy, internal cable routing	
Protection class / vandal proof	IP66 / Yes	
Operating conditions	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	
Dimensions and weight	Diameter 87 x P 109 mm, 430g	Diameter 109 x P 130 mm, 700g
Power supply / consumption	12Vdc / PoE, max 400 mA	

















Accessories	PROBB5	PROBB6	PROWMB3	PROWMB2	PROCMB6	PROCMB5	PROWMB4	PROPMB1	PROAMB1
									
	Outdoor back box	Outdoor back box	Outdoor wall mount bracket (PROBB5 required)	Outdoor wall mount bracket (PROBB6 required)	Ceiling mount bracket (PROBB5 required)	Ceiling mount bracket (PROBB6 required)	Indoor wall mount bracket	Pole mount collar (wall mount + back box required)	Angle mount bracket (wall mount + back box required)
PRO421I	✓	-	✓	-	✓	-	-	✓	✓
PRO423I	-	✓	-	✓	-	✓	✓	✓	✓

4K cameras







Modello	PRO813I	PRO823I
Product code	IIPRO0200100	IMPRO0200100
		
	  	  
	3.3-12mm motorized varifocal 4K resolution	3.3-12mm motorized varifocal 4K resolution
Sensor	1 / 2.5" CMOS	1 / 2.5" CMOS
Resolution	4K (8 Mpx - 3840 x 2160p)	4K (8 Mpx - 3840 x 2160p)
Compression method	H.265	H.265
Frame rate	Up to 30 fps at 4K	Up to 30 fps at 4K
Video streaming	3	3
Minimum illumination	0.01 lux @ F1.2, AGC ON (IR LED OFF) / 0 lux (IR LED ON)	0.01 lux @ F1.2, AGC ON (IR LED OFF) / 0 lux (IR LED ON)
Lens	3.3-12 mm varifocal motorized @ F1.4, angle view 97.5°-38.5° Zoom managed by PRO series NVR or SUPERLIVE PLUS app	3.3-12 mm varifocal motorized @ F1.4, angle view 97.5°-38.5° Zoom managed by PRO series NVR or SUPERLIVE PLUS app
Electronic Shutter	1 / 25s ÷ 1 / 100000s	1 / 25s ÷ 1 / 100000s
Audio compression	G711A/U	G711A/U
Analytics on board	Intrusion area detection, color cast, line crossing, removed object, abandoned object, defocus	
ROI	8, settable	8, settable
True Day&Night function	Yes	Yes
BLC/HLC	Yes	Yes
AGC / Auto White Balance	Yes / Yes	Yes / Yes
WDR / DNR function	DWDR / 3D and 2D DNR	DWDR / 3D and 2D DNR
Defog function	Yes	Yes
IR illuminator	Range 50m, SMART IR function	Range 30m, SMART IR function
Privacy Zones/ Motion Detection	Yes / Yes	Yes / Yes
Network protocols	TCP / IP, UDP, DHCP, NTP, RTSP, PPPoE, DDNS, SMTP, FTP, ONVIF, GB-T/28181-2011	
NVR compatibility	Compatibility with PRO series NVR in direct configuration and compliant with ONVIF S profile	
Remote monitoring	Browser IE, NVMS1000, app SUPERLIVE PLUS and e-Connect	
OSD menu	Yes	Yes
Network interface	1 x RJ-45	1 x RJ-45
Audio interface	1 x MIC IN, 1 x MIC OUT	1 x MIC IN, 1 x MIC OUT
Analogue video output	1 x BNC	1 x BNC
Alarm interface	1 x IN, 1 x OUT	1 x IN, 1 x OUT
RS485 interface	Yes	Yes
Slot for memory card	TF card up to 128 GB (optional)	TF card up to 128 GB (optional)
Housing	Aluminium alloy, internal cable routing, adjustment on 3 axes	
IP class / Vandal-proof	IP66 / IK10	
Operative conditions	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	
Dimensions and weight	Diameter 109 x P 284 mm	Diameter 150 x P 114 mm, 1 Kg
Power supply/power consumption	12Vdc / PoE, max 700 mA	12Vdc / PoE, max 550 mA

Accessories	PROBB5	PROBB6	PROWMB2	PROCMB5	PROPMB1	PROAMB1
						
	Outdoor back box	Outdoor back box	Outdoor wall mount bracket (PROBB6 required)	Ceiling mount bracket (PROBB6 required)	Pole mount collar (PROBB5 or PROWMB2+PROBB6 required)	Angle mount bracket (PROBB5 or PROWMB2+PROBB6 required)
PRO813I	✓	-	-	-	✓	✓
PRO823I	-	✓	✓	✓	✓	✓

IP H.265 3 Mpx speed dome cameras

Speed dome	PRO331I	PRO332I		
Product code	IDPRO0000100	IDPRO0000200		
				
	 	 		
	IP 3Mpx speed dome - 20x Zoom	IP 3Mpx speed dome - 16x Zoom		
Sensor	1 / 2.8" CMOS Progressive scan	1 / 2.8" CMOS Progressive scan		
Resolution	3Mpx	3Mpx		
Compression	H.265 / H.264 / MJPEG	H.265 / H.264 / MJPEG		
Frame rate	30 fps @ 3Mpx	30 fps @ 3Mpx		
Video streaming	3	3		
Lens	5.5 - 110 mm (20x optical zoom) Autoiris - Autofocus	5.5 - 88 mm (16x optical zoom) Autoiris - Autofocus		
PAN horizontal rotation	360° continuous	360° continuous		
PAN manual speed	0.1° - 120°/s	0.1° - 120°/s		
PAN horizontal preset speed	240°/s	160°/s		
TILT vertical rotation	0 - 93°	0 - 90°		
TILT horizontal rotation speed	0.1° ~ 90°/s	0.1° ~ 50°/s		
TILT preset horizontal speed	200°/s	50°/s		
Preset / Cruise	256 / 8 (16 preset for each cruise)	256 / 8 (16 preset for each cruise)		
Scan	2	2		
Track	4 (3 min recording for each track)	4 (3 min recording for each track)		
True Day&Night function	Yes	Yes		
BLC/HLC	Yes	Yes		
AGC / Auto White Balance	Yes	Yes		
DNR function	3D DNR	3D DNR		
IR illuminator	150 m range, adaptive IR	50 m range, adaptive IR		
Network protocols	TCP / IP, UDP, DHCP, DDNS, NTP, RTSP, SMTP, FTP, PPPoE, IPv4 / IPv6	TCP / IP, UDP, DHCP, DDNS, NTP, RTSP, SMTP, FTP, PPPoE, IPv4 / IPv6		
NVR compatibility	PRO Series NVR	PRO Series NVR		
Remote monitoring	Browser IE, NVMS1000, SUPERLIVE PLUS and e-Connect apps	Browser IE, NVMS1000, SUPERLIVE PLUS and e-Connect apps		
Network interface	RJ-45 (10M/100M)	RJ-45 (10M/100M)		
Audio interface	1 IN / 1 OUT (G.711A / G.711U)	1 IN / 1 OUT (G.711A / G.711U)		
Alarm interface	7 IN / 1 OUT	-		
Slot for memory card	Yes (optional)	Yes (optional)		
Protection class	IP66, IK10	IP66, IK10		
Lightning protection	Protection up to 6 KV	Protection up to 6 KV		
Operating conditions	-30 - 60° C; Humidity < 90%	-30 - 60° C; Humidity < 90%		
Dimensions and weight	Diameter 216 x 349 mm - Wall bracket provided	Diameter 136 x 222 mm - Wall bracket provided		
Power supply / consumption	24Vdc / 3 A (max 65W) with supplied power supply	12Vdc / 4 A (max 30W) with supplied power supply		
Accessories	PROCMB3	PROCMB4	PROPMB1	PROAMB1
				
	Ceiling mount bracket	Ceiling mount bracket	Pole mount collar	Angle mount bracket
PRO331I		-		
PRO332I	-			





H.265 4K NVR with 4K HDMI output

NVR	PRONVR44KI	PRONVR88KI	PRONVR1616KI
Product code	VRPRO0100100	VRPRO0100200	VRPRO0101300
	  4 IP channels Integrated PoE Switch with 4 ports	  8 IP channels Integrated PoE Switch with 8 ports	  16 IP channels Integrated PoE Switch with 16 ports SOON AVAILABLE
Operating system	Embedded (Linux)	Embedded (Linux)	Embedded (Linux)
Video standard	4K, 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p	4K, 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p	4K, 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p
Video channels	4 IP channels	8 IP channels	16 IP channels
Compression	H.265 / H.264+ / H.264	H.265 / H.264+ / H.264	H.265 / H.264+ / H.264
Network bandwidth	40 Mbps	50 Mbps	112 Mbps
Streaming	Dual streaming	Dual streaming	Dual streaming
Frame rate	30 fps @ 4K, 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p	30 fps @ 4K, 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p	30 fps @ 4K, 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p
Playback	1-4 channels	1-8 channels	1-16 channels
Live view	1/4	1/4/8	1/4/8/16
Video outputs	1 x VGA, 1 x HDMI (up to 4K)	1 x VGA, 1 x HDMI (up to 4K)	1 x VGA, 1 x HDMI (Up to 4K)
Search mode	Time slice / time / event / tag search	Time slice / time / event / tag search	Time slice / time / event / tag search
Audio compression	G.711A	G.711A	G.711A
Audio Inputs / Outputs	4 x IN from IP cameras / 1 x IN RCA / 1 x OUT RCA	8 x IN from IP cameras / 1 x OUT RCA	16 IN from IP cameras / 1 x IN RCA / 1 x OUT RCA
2 way audio	Yes	Yes	Yes
Alarm Inputs / Outputs	It supports IN / OUT of IP cameras	It supports IN / OUT of IP cameras	It supports IN / OUT of IP cameras
Actions on alarm	Recording, snapshot, preset, e-mail	Recording, snapshot, preset, e-mail	Recording, snapshot, preset, e-mail
PoE switch	4 PoE ports	8 PoE ports	16 PoE ports
Network interface	1 x Ethernet RJ45 10/100 Mbps	1 x Ethernet RJ45 10/100 Mbps	1 x Ethernet RJ45 10/100/1000 Mbps
Protocols	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
Max HDD installable	1 (not provided) max 6TB	1 (not provided) max 6TB	2 (non in dotazione) max 6TB
Fanless	Yes	Yes	-
Cameras compatibility	Compatibility with e-Vision® PRO cameras in direct configuration and with ONVIF S profile in manual configuration	Compatibility with e-Vision® PRO cameras in direct configuration and with ONVIF S profile in manual configuration	Compatibility with e-Vision® PRO cameras in direct configuration and with ONVIF S profile in manual configuration
Internet Explorer compatibility	Yes	Yes	Yes
Smartphone compatibility	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPERLIVE PLUS (for ANDROID and iOS)	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPERLIVE PLUS (for ANDROID and iOS)	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPERLIVE PLUS (for ANDROID and iOS)
Local management software (included)	Yes (NVMS1000 provided)	Yes (NVMS1000 provided)	Yes (NVMS1000 provided)
USB interface	2 x USB 2.0	2 x USB 2.0	2 x USB 2.0
Control interfaces	USB mouse and remote control provided	USB mouse and remote control provided	USB mouse and remote control provided
Operating temperature	From -10°C to +50°C U.R. 10-90%	From -10°C to +50°C U.R. 10-90%	From -10°C to +50°C U.R. 10-90%
Dimensions and weight	W 300 x H 52 x D 249 mm, 1Kg	W 300 x H 52 x D 249 mm, 1Kg	W 380 x H 52 x D 269 mm, 1,5Kg
Power consumption	5W max (without HDD)	5W max (without HDD)	15W max (without HDD)
Power supply	230Vac - 48Vdc / 1,04 A with external power supply	230Vac - 48Vdc / 2,5 A with external power supply	230Vac - 48Vdc / 2,5 A with external power supply

H.265 4K NVR with 4K HDMI output

NVR	PRONVR3216KI	PRONVR32XKI
Codice di magazzino	VRPRO0100300	VRPRO0101200
		
		
	32 IP channels Integrated PoE Switch with 16 ports	32 IP channels 2 HDMI outputs / 2 LAN ports
Operating system	Embedded (Linux)	Embedded (Linux)
Video standard	4K, 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p	4K, 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p
Video channels	32 IP channels	32 IP channels
Compression	H.265 / H.264+ / H.264	H.265 / H.264+ / H.264
Network bandwidth	256 Mbps	320 Mbps
Streaming	Dual streaming	Dual streaming
Frame rate	30 fps @ 4K, 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p	30 fps @ 4K, 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p
Playback	1-16 channels	1-16 channels
Live view	1-32	1-32
Video outputs (main monitor)	1 x VGA, 1 x HDMI (up to 4K)	1 x VGA (up to 1080p), 1 x HDMI (up to 4K)
Video outputs (spot monitor)	-	1 x HDMI (up to 1080p)
Search mode	Time slice / time / event / tag search	Time slice / time / event / tag search
Audio compression	G.711A	G.711A
Audio Inputs / Outputs	32 IN from IP cameras / 1 x OUT RCA	32 IN from IP cameras / 1 x OUT RCA
2 way audio	Yes	Yes
Alarm Inputs / Outputs	16 IN / 4 OUT on board It supports IN / OUT of IP cameras	16 IN / 4 OUT on board It supports IN / OUT of IP cameras
Actions on alarm	Recording, snapshot, preset, e-mail	Recording, snapshot, preset, e-mail
PoE switch	16 PoE ports	-
Network interface	1 x Ethernet RJ45 10/100 Mbps	1 x Ethernet RJ45 10/100 Mbps + 1 x Ethernet RJ45 10/100/1000 Mbps to create a subnet of cameras
Protocols	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
Max HDD installable	4 (not supplied) max 6TB each	8 (not supplied) max 6TB each
Cameras compatibility	Compatibility with e-Vision® PRO cameras in direct configuration and with ONVIF S profile in manual configuration	Compatibility with e-Vision® PRO cameras in direct configuration and with ONVIF S profile in manual configuration
Internet Explorer compatibility	Yes	Yes
Smartphone compatibility	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPERLIVE PLUS (for ANDROID and iOS)	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPERLIVE PLUS (for ANDROID and iOS)
Local management software (included)	Yes (NVMS1000 provided)	Yes (NVMS1000 provided)
USB interface	2 x USB 2.0	2 x USB 2.0
Control interfaces	USB mouse and remote control provided	USB mouse and remote control provided
Operating temperature	From -10°C to +50°C U.R. 10-90%	From -10°C to +50°C U.R. 10-90%
Dimensions and weight	W 440 x H 70 x D 390 mm, 2Kg	W 440 x H 110 x D 390 mm, 2Kg
Power consumption	30W max (without HDD)	30W max (without HDD)
Power supply	110-240Vac with integrated power supply	110-240Vac with integrated power supply

H.265 5 Mpx NVR with HDMI output at 1080p

NVR	PRONVR44I	PRONVR88I
Product code	VRPRO0100400	VRPRO0100500
	  4 IP channels Integrated PoE Switch with 4 ports	  8 IP channels Integrated PoE Switch with 8 ports
Operating system	Embedded (Linux)	Embedded (Linux)
Video standard	5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p	5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p
Video channels	4 IP channels	8 IP channels
Compression	H.265 / H.264+ / H.264	H.265 / H.264+ / H.264
Network bandwidth	40 Mbps	50 Mbps
Streaming	Dual streaming	Dual streaming
Frame rate	30 fps @ 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p	30 fps @ 5 Mpx, 4 Mpx, 3 Mpx, 1080p, 720p
Playback	1-4 channels	1-8 channels
Live view	1/4	1/4/8
Video outputs	1 x HDMI (up to 1080p)	1 x HDMI (up to 1080p)
Search mode	Time slice / time / event / tag search	Time slice / time / event / tag search
Audio compression	G.711A	G.711A
Audio inputs / outputs	4 x IN from IP cameras / 1 x OUT RCA	8 IN from IP cameras / 1 x OUT RCA
Alarm inputs	4 x IN from IP cameras	8 x IN from IP cameras
Actions on alarm	Recording, snapshot, preset, e-mail	Recording, snapshot, preset, e-mail
PoE Switch	4 ports	8 ports
Network interface	1 x Ethernet RJ45 10/100 Mbps	1 x Ethernet RJ45 10/100 Mbps
Protocols	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, NTP, SMTP
Max HDD installable	1 (not provided) max 6TB	1 (not provided) max 6TB
Fanless	Yes	Yes
Cameras compatibility	Compatibility with e-Vision® PRO cameras in direct configuration and with ONVIF S profile in manual configuration	Compatibility with e-Vision® PRO cameras in direct configuration and with ONVIF S profile in manual configuration
Internet Explorer compatibility	Yes	Yes
Smartphone compatibility	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPERLIVE PLUS (per ANDROID and iOS)	App e-Connect (for ANDROID, iOS and WINDOWS PHONE) and SUPERLIVE PLUS (per ANDROID and iOS)
Local management software (included)	Yes (NVMS1000 provided)	Yes (NVMS1000 provided)
USB interface	2 x USB 2.0	2 x USB 2.0
Control interfaces	USB mouse and remote control provided	USB mouse and remote control provided
Operating temperature	From -10°C to +50°C U.R. 10-90%	From -10°C to +50°C U.R. 10-90%
Dimensions and weight	W 300 x H 52 x D 249 mm, 1Kg	W 300 x H 52 x D 249 mm, 1Kg
Power consumption	5W max (without HDD)	5W max (without HDD)
Power supply	230Vac - 48Vdc / 1,04 A with external power supply	230Vac - 48Vdc / 2,5 A with external power supply

Accessories for PRO line NVR

PoE switch

Product code

VM500SW08

VRSWT0000100



8 PoE ports switch with 230W total power. The first 4 ports PoE support max 60W power, the remaining 4 support max 30W power. 2 Uplink Gbit ports + 1 slot SFP (instead of 1 of the 2 Uplink ports).

VM500SW16

VRSWT0000200



16 PoE ports switch with 280W total power. The power of each port is 30W. 2 Uplink Gbit ports + 2 slots SFP (instead of the 2 Uplink ports).

PoE switch

Codice magazzino

SW8W125

VRSWT0000300



8 PoE ports switch with 125W total power. 1 Gbit Combo Uplink port + 1 slot SFP

SW16W200

VRSWT0000400



16 PoE ports switch with 200W total power. 2 Gbit Combo Uplink ports

Trasmissione in fibra

Codice magazzino

MGB01



Gigabit multi-mode transceiver module
550 m operative range

MCNV01



Media Converter Multimodale Gigabit
550 m operative range

IP desktop

Product code

PROIPK

KBTPR0000100



IP desktop for IP PRO line speed dome control
LCD display
It guarantees high performance for the object tracking

2 Mpx AHD / TVI / CVI ULTRASENSE cameras

Minidome	PRO213SA	PRO223SA
Codice di magazzino	TIAHD0400600	TIAHD0500600



IK10

2,8-12mm motorized varifocal lens
2 Mpx resolution







Anti vandalo








2,8-12mm motorized varifocal lens
2 Mpx resolution

Sensor	1 / 2.9" CMOS	1 / 2.9" CMOS
Resolution	2 Mpx (1920 x 1080p)	2 Mpx (1920 x 1080p)
Video standard	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
Minimum illumination	0,001 lux@F1.2, AGC ON a colori 0 lux con LED IR ON	0,001 lux@F1.2, AGC ON a colori 0 lux con LED IR ON
Lens	2,8-12mm motorized varifocal lens @ F1.4, angle view 96°-35° Zoom management from PRO line DVR or SUPERLIVE PLUS app	2,8-12mm motorized varifocal lens @ F1.4, angle view 96°-35° Zoom management from PRO line DVR or SUPERLIVE PLUS app
Electronic Shutter	1 / 50s ÷ 1 / 100000s	1 / 50s ÷ 1 / 100000s
S/N Ratio	>52 dB (AGC off)	>52 dB (AGC off)
Frame rate	30 fps	30 fps
Max extension of RG59 connection	Up to 300 meters	Up to 300 meters
True Day&Night function	Yes	Yes
BLC/HLC	Yes	Yes
AGC	Yes	Yes
Defect Correction	Auto	Auto
DWDR function	Yes	Yes
DNR function	Yes	Yes
Defog function	Yes	Yes
Auto White Balance	Yes	Yes
Front Light Compensation	Yes	Yes
IR illuminator	30m range, SMART IR function	30m range, SMART IR function
Privacy Zones/ Motion Detection	Yes / Yes	Yes / Yes
OSD menù	Yes	Yes
Mechanical adjustment	On 3 axes	On 3 axes
Housing	Aluminium alloy, internal cable routing	Aluminium alloy, internal cable routing
Protection class/ vandal proof	IP66 / IK10	IP66 / Yes
Operating conditions	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %
Dimensions	Diameter 87 x P 219 mm	Diameter 109 x 130 mm
Power supply / consumption	12Vdc, max 600mA	12Vdc, max 250 mA
Power supply unit (optional)	Requires TLCALVS2, TLCAL4 or TLCAL5	Requires TLCALVS2, TLCAL4 or TLCAL5














Accessories	PROBB4	PROBB6	PROWMB2	PROCMB5	PROWMB4	PROPMB1	PROAMB1
	Outdoor back box	Outdoor back box	Outdoor wall mount bracket (PROBB6 required)	Ceiling mount bracket (PROBB6 required)	Indoor wall mount bracket	Pole mount collar (PROBB4 or PROWMB2+PROBB6 required)	Angle mount bracket (PROBB4 or PROWMB2+PROBB6 required)
PRO213SA	✓	-	-	-	-	✓	✓
PRO223SA	-	✓	✓	✓	✓	✓	✓

ULTRASENSE IP 2 Mpx H.264 cameras






































Modello	PRO212SI	PRO222SI
		
		
	2,8-12mm varifocal lens 2 Mpx resolution SOON AVAILABLE	2,8-12mm varifocal lens 2 Mpx resolution SOON AVAILABLE
Sensor	1 / 2.8" CMOS	1 / 2.8" CMOS
Resolution	2 Mpx	2 Mpx
Compression method	H.264	H.264
Frame rate	Up to 30 fps at 2 Mpx	Up to 30 fps at 2 Mpx
Video streaming	3	3
Minimum illumination	0,002 lux@F1.2 AGC ON colours mode / 0,0002 lux@F1.2 AGC OFF BIW mode 0 lux con LED IR ON	0,002 lux@F1.2 AGC ON colours mode / 0,0002 lux@F1.2 AGC OFF BIW mode 0 lux con LED IR ON
Lens	2,8-12 mm varifocal @ F1.4, angle view 96°-35°	2,8-12 mm varifocal @ F1.4, angle view 96°-35°
Electronic Shutter	1 / 25s ÷ 1 / 100000s	1 / 25s ÷ 1 / 100000s
ROI	3 (Settable)	3 (Settable)
True Day&Night	Yes	Yes
BLC / HLC	Yes	Yes
AGC / Auto White Balance	Yes / Yes	Yes / Yes
WDR function	DWDR / 3D DNR	DWDR / 3D DNR
Defog function	Yes	Yes
IR illuminator	30m range, SMART IR function	30m range, SMART IR function
Privacy Zones/ Motion Detection	Yes / Yes	Yes / Yes
Network protocols	TCP/IP, UDP, DHCP, NTP, RTSP, DDNS, SMTP, FTP, ONVIF	
NVR compatibility	Compatible with PRO line NVR with direct configuration and compliant with ONVIF S profile	
Remote monitoring	Browser IE, NVMS1000, app SUPERLIVE PLUS and e-Connect	
OSD menu	Yes	Yes
Network interface	1 x RJ-45	1 x RJ-45
Mechanical adjustment	On 3 axis	On 3 axis
Housing	Aluminium alloy, internal cable routing	
IP class / Vandal-proof	IP66 / IK10	IP66 / Si
Operative conditions	-20 °C ÷ 50 °C, U.r. 10 % ÷ 90 %	
Dimensions and weight	Diameter 87 x D 219 mm, 600g	Diameter 109 x H 130 mm, 700g
Power supply/power consumption	12Vdc / PoE, max 500 mA	

Accessories	PROBB4	PROBB6	PROWMB2	PROCB5	PROWMB4	PROPMB1	PROAMB1
							
	Outdoor back box	Outdoor back box	Outdoor wall mount bracket (PROBB6 required)	Ceiling mount bracket (PROBB6 required)	Indoor wall mount bracket	Pole mount collar (PROBB4 or PROWMB2+PROBB6 required)	Angle mount bracket (PROBB4 or PROWMB2+PROBB6 required)
PRO212SI	✓	-	-	-	-	✓	✓
PRO222SI	-	✓	✓	✓	✓	✓	✓

PRO line accessories

														
		Outdoor back box	Outdoor back box	Outdoor back box	Ceiling mount bracket (PROBB6 required)	Ceiling mount bracket (PROBB5 required)	Outdoor wall mount bracket (PROBB6 required)	Outdoor wall mount bracket (PROBB5 required)	Indoor wall mount bracket	Ceiling mount	Ceiling mount	Pole mount collar (for bullet PROBB4 or PROBB5 required)	Pole mount collar	Angle mount bracket (for bullet PROBB4 or PROBB5 required)
Model	Case													
PRO211A	1	✓	-	-	-	-	-	-	-	-	-	✓	-	✓
PRO212A	1	✓	-	-	-	-	-	-	-	-	-	✓	-	✓
PRO221A	3	-	✓	-	-	✓	-	✓	-	-	-	✓	-	✓
PRO222A	4	-	-	✓	✓	-	✓	-	✓	-	-	✓	-	✓
PRO231A	8	-	-	-	-	-	-	-	-	-	-	-	✓	-
PRO411A	1	✓	-	-	-	-	-	-	-	-	-	✓	-	✓
PRO412A	1	✓	-	-	-	-	-	-	-	-	-	✓	-	✓
PRO421A	3	-	✓	-	-	✓	-	✓	-	-	-	✓	-	✓
PRO422A	5	-	-	✓	✓	-	✓	-	-	-	-	✓	-	✓
PRO211	1	✓	-	-	-	-	-	-	-	-	-	✓	-	✓
PRO212	1	✓	-	-	-	-	-	-	-	-	-	✓	-	✓
PRO213	1	✓	-	-	-	-	-	-	-	-	-	✓	-	✓
PRO221	3	-	✓	-	-	✓	-	✓	-	-	-	✓	-	✓
PRO222	4	-	-	✓	✓	-	✓	-	✓	-	-	✓	-	✓
PRO223	4	-	-	✓	✓	-	✓	-	✓	-	-	✓	-	✓
PRO411	1	✓	-	-	-	-	-	-	-	-	-	✓	-	✓
PRO413	2	-	✓	-	-	-	-	-	-	-	-	✓	-	✓
PRO421	3	-	✓	-	-	✓	-	✓	-	-	-	✓	-	✓
PRO423	4	-	-	✓	✓	-	✓	-	✓	-	-	✓	-	✓
PRO813	2	-	✓	-	-	-	-	-	-	-	-	✓	-	✓
PRO823	5	-	-	✓	✓	-	✓	-	-	-	-	✓	-	✓
PRO331	6	-	-	-	-	-	-	-	✓	-	-	✓	-	✓
PRO332	7	-	-	-	-	-	-	-	-	✓	-	✓	-	✓
PRO213SA	1	✓	-	-	-	-	-	-	-	-	-	✓	-	✓
PRO223SA	4	-	-	✓	✓	-	✓	-	✓	-	-	✓	-	✓
PRO212SI	1	✓	-	-	-	-	-	-	-	-	-	✓	-	✓
PRO222SI	4	-	-	✓	✓	-	✓	-	✓	-	-	✓	-	✓

PRO cameras installation mode

Case	Photo	Back box	Wall mounting	Ceiling mounting	Pole mounting	Angle mounting
1		 PROBB4	Integrated bracket	Integrated bracket	 PROPMB1 + PROBB4	 PROAMB1 + PROBB4
2		 PROBB5	Integrated bracket	Integrated bracket	 PROPMB1 + PROBB5	 PROAMB1 + PROBB5
3		 PROBB5	 PROWMB3 + PROBB5	 PROCMB6 + PROBB5	 PROPMB1 + PROWMB3 + PROBB5	 PROAMB1 + PROWMB3 + PROBB5
4		 PROBB6	 PROWMB2 + PROBB6	 PROCMB5 + PROBB6	 PROPMB1 + PROWMB2 + PROBB6	 PROAMB1 + PROWMB2 + PROBB6
			 PROWMB4			
5		 PROBB6	 PROWMB2 + PROBB6	 PROCMB5 + PROBB6	 PROPMB1 + PROWMB2 + PROBB6	 PROAMB1 + PROWMB2 + PROBB6
6		-	Integrated bracket	 PROCMB3	 PROPMB1	 PROAMB1
7		-	Integrated bracket	 PROCMB4	 PROPMB1	 PROAMB1
8		-	Integrated bracket	-	 PROPMB2	-



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