



CCTV

2016



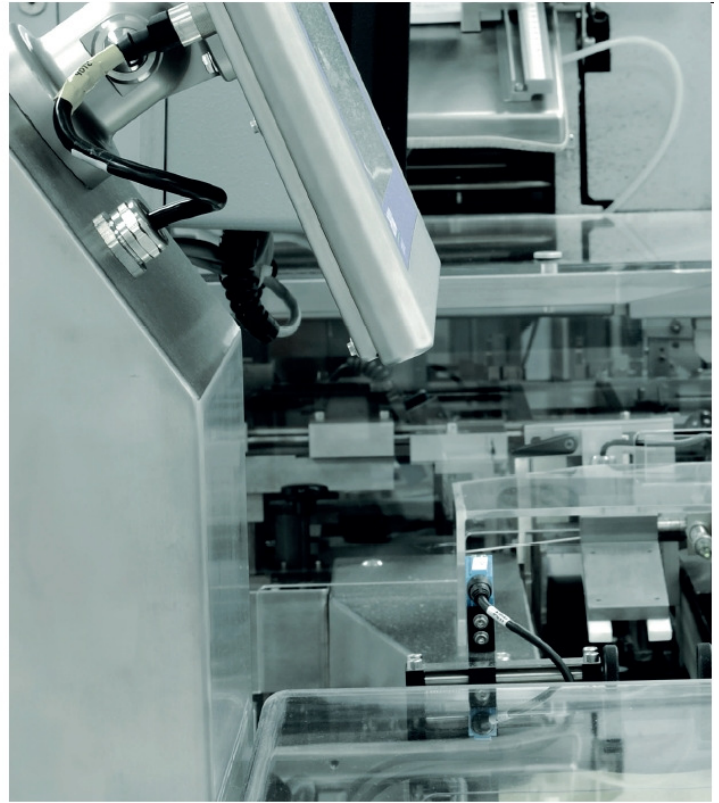
AHD Technology

IP Technology

FARFISA
for Security

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**FARFISA**
for Security

Farfisa for Security is the result of the evolution that Aci Farfisa conceives and carries out on security industry, always looking for **solutions oriented by the market requests and customer satisfaction**. Farfisa is a leader company for designing and production of **Video door entry systems, Communication, Access control and Home Automation** in Italy and in more than 60 countries since the 60's. The project of company's division devoted to **Security** was born to offer complete video surveillance systems, even integrated to door phones and home automation network.

Farfisa for Security is the brand through which Farfisa's security products have been known and appreciated, exploiting in synergistic way the professionalism of the sales network and the capillarity in the product's distribution developed in the years. Trademark melts with original Farfisa brand confirming the solid tradition applied to a market, such as that one of Video surveillance, always in evolution.

This catalogue wants to be the ideal tool to operate the most suitable product's choice even for simple installations or in the most complex ones, with the aim of answering the modern request of Security with state-of-the-art proposals and keeping a look to the quality to price ratio.

INTEGRATING SECURITY

The range introduced in this catalogue is the result of the constant research of innovative solutions and components to build up evolved CCTV systems, in line with global market trends.

The direct contact with stable and reliable leaders in production of security products allows us to offer a range of products which is the state-of-the-art in CCTV field: all the technologies showed here allow to capture, record and transmit **full HD** pictures up to innovative solutions based on **Ultra HD (4K)** definition, without forgetting all the aspects related to integration with video door entry systems, access control systems, a user friendly interface and easy installation procedures.



Aci Farfisa is member of





QUALITY

The application of the decennial experience acquired by a firm that boasts high quality standards to a sector characterized by products with strong technological content has allowed to effectively activate procedures of verification to guarantee, also for the traded products, quality, respect of the technical and safety rules. The tests, conducted with suitable severity, assure the necessary reliability of the examined devices and subsequently proposed.

The quality system management of Aci Farfisa has achieved the ISO 9001 certification to guarantee the efficient methodologies and the rigorous control practiced on the whole product range and the constant trend to innovation.

WEB SUPPORT

Farfisa technical support, even for pre-sales consulting or post sales support, is also available for meetings and technical training with the aim of making easier the installation of so sophisticated products. Moreover a dedicated space on the web site **www.farfisaforsecurity.it** is devoted to insights and case studies. The Area Tecnica section in fact, is a useful place where various topics are described deeply, arranged by product's categories, and where you can find detailed documents to understand the matters theoretically and practically. The FAQ area contains also some practical information about how to select the right product, make specific programming or clear the differences between different solutions.

www.farfisaforsecurity.it/faq.php



CCTV systems applications

Farfisa for Security CCTV offer allows to cover the most common applications of surveillance systems: from residential estates to industrial facilities, from commercial sites to parking lots.

The products introduced on this catalogue stand out for the care on design details, wide installation flexibility and reliability in use.

For each installation type different technology solutions are showed.

Residential

Living in a safe home nowadays is one of the highest priority. The CCTV security products allow discreet installation, even for outdoor or indoor, beside the remote control of own family and properties.

Villas

Gardens and gates

Path and garages

Inside house environments

Common areas of flats



Page 13, 22, 26

Bullet IR Waterproof with fixed lens

Page 14, 22, 26

IR Waterproof with varifocal lens

Page 15, 23, 26

Fixed Domes

Page 15

Micro cameras



Commercial

Moving of people and goods inside shops and commercial sites can be very wide: then the request of security increases accordingly against theft and vandal attacks, in order to live serenely even inside crowded places.

Shops

Commercial sites

Cinemas

Jewelleries



Page 14, 22, 26

IR Waterproof with varifocal lens

Page 15, 23, 26

Fixed domes





Industrial

The installation of cameras in key points of outdoor spaces and access areas helps to improve people safety, the control of goods movement and protection against vandal attacks and thefts.

Factories

Loading and unloading areas

Machinery and company cars control

Industrial estates



Page 14, 22, 26

IR Waterproof with varifocal lens

PTZ Dome



Parking lots

Wide areas where people and car pass through, sometimes even in conditions of low light: this is the parking lot application. There are cases in which it is clearly crucial to display and recognize details of people or objects using the video footages from the CCTV security system.

Indoor or outdoor car parks

Gas and petrol stations

Car license plate recognition



Page 14, 22, 26

IR Waterproof with varifocal lens

PTZ Dome



Residential

An efficient and complete video surveillance system is nowadays available for everyone. All the products allow the display, recording and control, even remotely by mobile devices, of pictures coming from shooting points.

- Villas
- Gardens and automatic gates
- Paths and garages
- Indoor spaces
- Common areas of flats



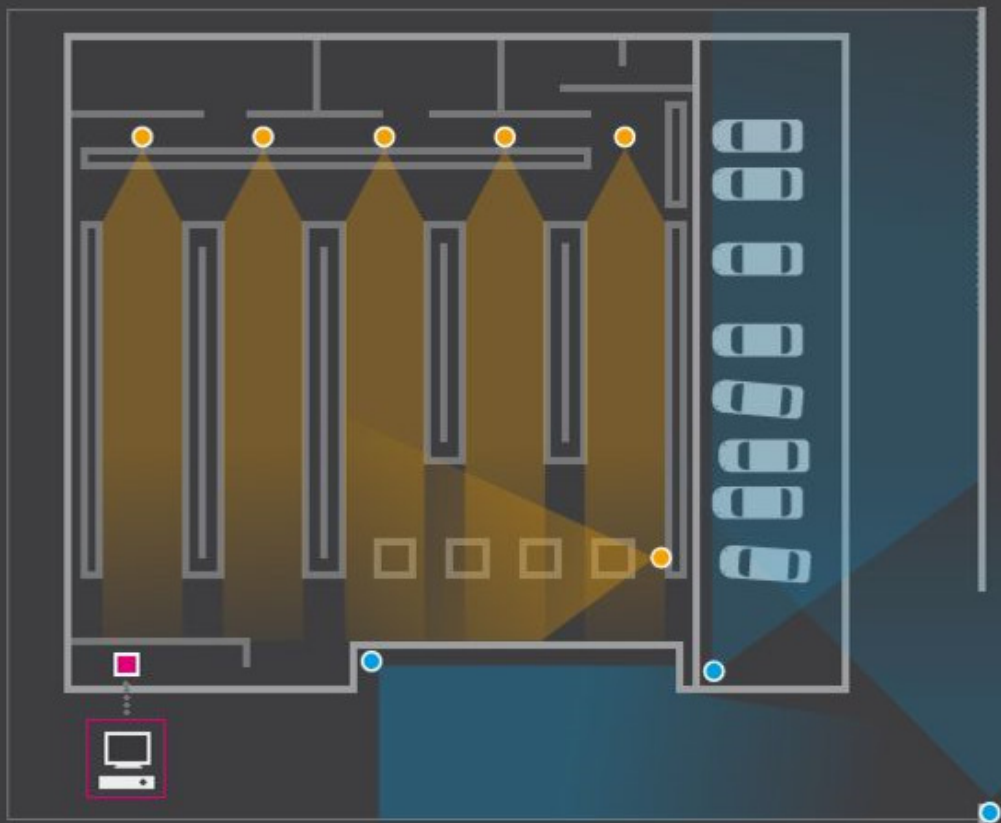
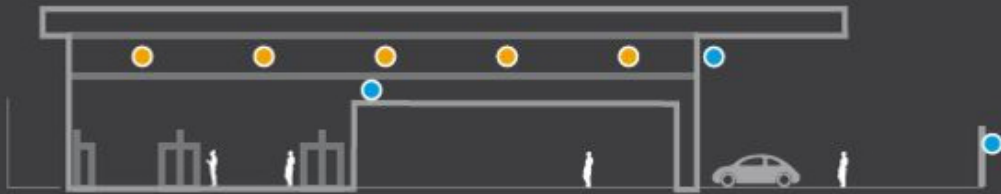
●		3 camera	TVT86FAHD	TVT64N/2
●		1 dome	TVT73FAHD	TVT73N
■		1 recorder	DVR43AHD	NVR82
■		1 monitor	TVM19V	TVM19V



Commercial

A closed circuit television system allow to easily keep under control goods and values within the shop. The solutions use scalable technologies which can maximize the investment on the time being.

- Shops
- Shopping mall
- Cinemas
- POS/ATM
- Jewelers



●		3 cameras	TVT86VFAHD	TVT64NV/2
●		5 dome	TVT72FAHD	TVT74NV
■		1 recorder	DVR83AHD	NVR82
■		1 monitor	TVM19V	TVM19V

Camera selection guide

AHD Technology

Page 13

IR
Waterproof



code	Lens	Protection degree	IR Led's	Megapixel
TVT86FAHD	3.6mm	IP66	18	2.4
TVT86EAHD	3.6mm	IP66	24	1.4
TVT86VFAHD	2.8-12mm	IP66	30	2.4
TVT86VAHD	2.8-12mm	IP66	42	1.4
TVT88FAHD	5-50mm	IP66	6	2.4

Page 15

Mini camera



TVT83MCAHD	3.7mm			1.0
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Page 15

IR Dome



TVT73FAHD	3.6mm	IP65	24	2.4
TVT73MAHD	3.6mm	IP65	24	1.4
TVT72FAHD	2.8-12mm	IP68/IK10	36	2.4
TVT72AHD	2.8-12mm	IP68/IK10	36	1.4

IP Technology

Page 22
IR
Waterproof



code	Lens	Protection degree	IR Led's	Megapixel	Compression
TVT64N/2	3.6mm	IP66	18	2.4	H.264
TVT64NV/2	2.8-12mm	IP66	30	2.4	H.264
TVT87NW	2.8-12mm	IP66	42	2.0	H.264

Page 23
Dome



TVT74N	3.6mm	-	24	1.4	H.264
TVT74NV	2.8-12mm	IP66	21	1.4	H.264

Page 25
IR water
proof H.265



TVT65N	3.6mm	IP66	30	4	H.265
TVT65NV	2.8-12mm	IP66	30	4	H.265

Page 26
Dome
H.265



TVT75N	3.6mm	IP66	28	4	H.265
TVT75NV	2.8-12mm	IP66	28	4	H.265

Selection of the most suitable camera is the starting point of the video surveillance system design. Once analysed the requests and shooting conditions it is very easy to check on the above table which are the products, among the range, fitting the best.

Camera - Video recorder compatibility



Page 13
IR Water
proof



code	DVR43AHD DVR83AHD DVR163AHD	NVR442 NVR882	NVR82 NVR252	NVR442K NVR882K NVR1682K
TVT86FAHD	1080p			
TVT86EAHD	720p			
TVT86VAHD	1080p			
TVT86VFAHD	720p			
TVT88FAHD	1080p			

Page 15
Mini
camera
















TVT83MCAHD	720p			
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Page 15
Fixed
dome



TVT73FAHD	1080p			
TVT73MAHD	720p			
TVT72FAHD	1080p			
TVT72AHD	720p			

				
Code	DVR43AHD DVR83AHD DVR163AHD	NVR442 NVR882	NVR82 NVR252	NVR442K NVR882K NVR1682K
		1080p	1080p	
		1080p	1080p	
			1080p	
		960p	960p	
		960p	960p	
				4MP
				4MP
				4MP
				4MP

Page 22

IR
Water
proof

Page 23

Dome

Page 25

IR water
proof
H.265

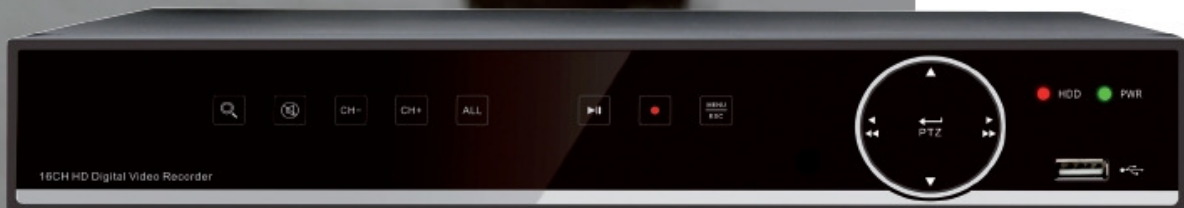
Page 26

Dome
H.265

The table shows the maximum recording resolution allowable using different combinations of cameras and DVR's or NVR's.

AHD TECHNOLOGY

AHD



Analogue High Definition is an innovative technology for high definition transmission over coaxial cable. This selection of cameras and DVR allows to record pictures at higher resolution than traditional analogue systems.

IR Waterproof Cameras

Waterproof cameras suitable for various installation situations. The new technology AHD provides an high definition 720p / 1080p video output or the traditional analogue one.



	TVT86FAHD	TVT86EAHD	TVT86VFAHD	TVT86VAHD	TVT88FAHD
Sensor type	CMOS 1/3" SONY 2.4MP	CMOS 1/3" SONY 1.4MP	CMOS 1/3" SONY 2.4MP	CMOS 1/3" SONY 1.4MP	CMOS 1/3" SONY 2.4MP
Resolution	1080p	720p	1080p	720p	1080p
Focal length	3.6mm	3.6mm	2.8-12mm	2.8-12mm	5-50mm
Protection degree	IP66	IP66	IP66	IP66	IP66
Number IR led's	18	24	30	42	6 array

TVT86FAHD



Day&Night AHD bullet camera with fixed lens



This camera, beside a new and modern designed waterproof case, is equipped by a new CMOS sensor. Even thanks to the IR-cut filter removable, it provides a good picture quality under every lighting conditions.

- 1/3" CMOS sensor SONY 2.4MP with mechanical ICR filter
 - Resolution 1080p
 - Pixel: 1920x1080
 - Minimum illumination: 0.01 lux - 0 lux (IR ON)
 - Fixed lens: 3.6mm
 - PAL system 2:1 progressive
 - Video output: AHD or 1Vpp 75 ohm (BNC) selectable
 - Automatic gain control
 - Other features: Sens-up, HSBLIC, 2D/3D-DNR, D-WDR, motion detection, 4 privacy areas
 - 18 IR led with photocell
 - IP66 protection degree
 - Equipped with cable management bracket
 - Dimensions: 68x140mm
 - Power supply 12Vdc / 400mA
- Recommended power supply: APS120

TVT86EAHD



Day&Night AHD bullet camera with fixed lens



This camera, beside a new and modern designed waterproof case, is equipped by a new CMOS sensor. Even thanks to the IR-cut filter removable, it provides a good picture quality under every lighting conditions.

- 1/3" CMOS sensor SONY 1.4MP with mechanical ICR filter
 - Resolution 720p
 - Pixel: 1305x1049
 - Minimum illumination: 0.01 lux - 0 lux (IR ON)
 - Fixed lens: 3.6mm
 - PAL system 2:1 progressive
 - Video output: AHD or 1Vpp 75 ohm (BNC) selectable
 - Automatic gain control
 - Other features: Sens-up, HSBLIC, 2D/3D-DNR, D-WDR, motion detection, 4 privacy areas
 - 24 IR led with photocell
 - IP66 protection degree
 - Equipped with cable management bracket
 - Dimensions: 68x140mm
 - Power supply 12Vdc / 350mA
- Recommended power supply: APS120

TVT86VFAHD



Day&Night AHD waterproof camera with varifocal lens



Waterproof camera of modern and essential design, it stands out for the 2.4 Mega pixel CMOS sensor which provides high resolution pictures and extremely competitive price. Varifocal lens allows to apply to most of installation conditions.

- 1/3" CMOS sensor SONY 2.4MP with mechanical ICR filter
- Resolution 1080p
- Pixel: 1920x1080
- Minimum illumination: 0.01 lux - 0 lux (IR ON)
- Varifocal lens: 2.8-12mm
- PAL system 2:1 progressive
- Video output: AHD or 1Vpp 75 ohm (BNC) selectable
- Automatic gain control
- Other features: Sens-up, HSBLIC, 2D/3D-DNR, D-WDR, motion detection, 4 privacy areas
- 30 IR led with photocell
- IP66 protection degree
- Equipped with cable management bracket
- Dimensions: 95x230mm
- Power supply 12Vdc / 500mA
- Recommended power supply: APS120

TVT86VAHD



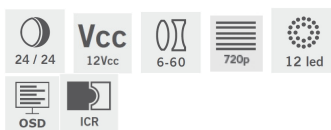
Day&Night AHD waterproof camera with varifocal lens



Waterproof camera of modern and essential design, it stands out for the 1.4 Mega pixel CMOS sensor which provides high resolution pictures and extremely competitive price. Varifocal lens allows to apply to most of installation conditions.

- 1/3" CMOS sensor SONY 1.4MP with mechanical ICR filter
- Resolution 720p
- Pixel: 1305x1049
- Minimum illumination: 0.01 lux - 0 lux (IR ON)
- Varifocal lens: 2.8-12mm
- PAL system 2:1 progressive
- Video output: AHD or 1Vpp 75 ohm (BNC) selectable
- Automatic gain control
- Other features: Sens-up, HSBLIC, 2D/3D-DNR, D-WDR, motion detection, 4 privacy areas
- 42 IR led with photocell
- IP66 protection degree
- Equipped with cable management bracket
- Dimensions: 95x230mm
- Power supply 12Vdc / 500mA
- Recommended power supply: APS120

TVT88FAHD
AVAILABLE SOON



Day&Night AHD waterproof camera with varifocal lens



Waterproof camera of modern and essential design, it stands out for the 2.4 Mega pixel CMOS sensor which provides high resolution pictures and extremely competitive price. The particular 5-50mm varifocal lens allows a wider flexibility to find the suitable shooting angle during the installation.

- 1/3" CMOS sensor SONY 2.4MP with mechanical ICR filter
- Resolution 1080p
- Pixel: 1920x1080
- Minimum illumination: 0.01 lux - 0 lux (IR ON)
- Varifocal lens: 5-50mm
- PAL system 2:1 progressive
- Video output: AHD or 1Vpp 75 ohm (BNC) selectable
- Automatic gain control
- Other features: Sens-up, HSBLIC, 2D/3D-DNR, D-WDR, motion detection, 4 privacy areas
- 6 array IR led with photocell
- IP66 protection degree
- Equipped with cable management bracket
- Dimensions: 280x100mm
- Power supply 12Vdc / 1A
- Recommended power supply: APS121

Mini camera

TVT83MCAHD



Miniaturized pin-hole camera for indoor

Pin hole camera of extremely reduced dimensions. It allows various installation's solutions in indoor and hidden places, with good picture quality as well.

- Sensor 1/3" CMOS
- Minimum illumination: 0.01lux
- Resolution: 720p
- Pin-hole 3.7mm fixed lens
- Multilanguage OSD menu with motion detection, digital noise reduction 2D-DNR, privacy areas and HLC functions
- PAL system 2:1 progressive
- Video output: AHD or 1Vpp 75 ohm (BNC) selectable
- Dimensions: 35x35x20 mm
- Power supply 12Vdc / 150mA
- Recommended power supply: APS120

Dome cameras

Dome cameras merge compact dimensions to vandal proof protection, being even suitable for various outdoor installation. The new technology AHD provides an high definition 720p / 1080p video output or the traditional analogue one.



	TVT73FAHD	TVT73MAHD	TVT72FAHD	TVT72AHD
Sensor type	CMOS 1/2.9" SONY 2.4MP	CMOS 1/3" SONY 1.3MP	CMOS 1/2.9" SONY 2.4MP	CMOS 1/3" SONY 1.3MP
Effective pixel	1920x1080	1280x1024	1920x1080	1280x1024
Focal length	3.6mm	3.6mm	2.8-12mm	2.8-12mm
Protection degree	IP65	IP65	IP68/IK10	IP68/IK10

TVT73FAHD



Vandalproof AHD Day&Night dome camera with fixed lens

Fixed lens mini dome camera suitable also for outdoor installations. It delivers reduced dimensions and high picture sharpness thanks to CMOS sensor and AHD video transmission.

- 1/3" CMOS sensor SONY 2.4MP with mechanical ICR filter
- Resolution: 1080p
- Effective pixels: 1920x1080
- Minimum illumination: 0.05 lux - 0 lux (IR ON)
- Fixed lens: 3.6mm
- PAL system 2:1 progressive
- Video output: AHD or 1Vpp 75 ohm (BNC) selectable
- Automatic gain control
- Other features: Sens-up, HSBLIC, 2D/3D-DNR, D-WDR, motion detection, 4 privacy areas
- 24 IR led with photocell
- IP65 protection degree
- Dimensions: 94x80mm
- Power supply 12Vdc / 350mA
- Recommended power supply: APS120

TVT73MAHD

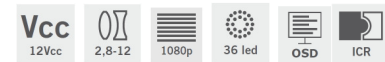


Vandalproof AHD Day&Night dome camera with fixed lens

Fixed lens mini dome camera suitable also for outdoor installations. It delivers reduced dimensions and high picture sharpness thanks to CMOS sensor and AHD video transmission.

- 1/3" CMOS sensor SONY 1.3MP with mechanical ICR filter
- Resolution: 720p
- Effective pixels: 1280x1024
- Minimum illumination: 0.05 lux - 0 lux (IR ON)
- Fixed lens: 3.6mm
- PAL system 2:1 progressive
- Video output: AHD or 1Vpp 75 ohm (BNC) selectable
- Automatic gain control
- Other features: Sens-up, HSBLIC, 2D/3D-DNR, D-WDR, motion detection, 4 privacy areas
- 24 IR led with photocell
- IP65 protection degree
- Dimensions: 94x80mm
- Power supply 12Vdc / 350mA
- Recommended power supply: APS120

TVT72FAHD



Vandalproof AHD Day&Night dome camera with varifocal lens

Completely waterproof camera IP68 and IK10 protected against vandal attacks. It is equipped with 2.4MP sensor with AHD output and varifocal lens.

- 1/3" CMOS sensor SONY 2.4MP with mechanical ICR filter
- Resolution: 1080p
- Effective pixels: 1920x1080
- Minimum illumination: 0.05 lux - 0 lux (IR ON)
- Varifocal lens: 2.8-12mm
- PAL system 2:1 progressive
- Video output: AHD or 1Vpp 75 ohm (BNC) selectable
- Automatic gain control
- Other features: Sens-up, HSBLIC, 2D/3D-DNR, D-WDR, motion detection, 4 privacy areas
- 36 IR led with photocell
- IP68, IK10 protection degree
- Dimensions: 150x123mm
- Power supply 12Vdc / 500mA
- Recommended power supply: APS120

TVT72AHD



Vandalproof AHD Day&Night dome camera with varifocal lens

Completely waterproof camera IP68 and IK10 protected against vandal attacks. It is equipped with 1.3MP sensor with AHD output and varifocal lens.

- 1/3" CMOS sensor SONY 1.3MP with mechanical ICR filter
- Resolution: 720p
- Effective pixels: 1280x1024
- Minimum illumination: 0.05 lux - 0 lux (IR ON)
- Varifocal lens: 2.8-12mm
- PAL system 2:1 progressive
- Video output: AHD or 1Vpp 75 ohm (BNC) selectable
- Automatic gain control
- Other features: Sens-up, HSBLIC, 2D/3D-DNR, D-WDR, motion detection, 4 privacy areas
- 36 IR led with photocell
- IP68, IK10 protection degree
- Dimensions: 150x123mm
- Power supply 12Vdc / 500mA
- Recommended power supply: APS120

DVR AHD

These digital video recorders, beside to allow management and recording of 720p / 1080p AHD video signals, are compatible also with traditional analogue cameras, thus allowing a smooth upgrade of the video surveillance system to a high definition one.

DVR43AHD



AHD/960H DVR, 4 inputs, H.264 compression

Digital Video Recorder based on embedded Linux operating system with icon graphical user interface. With extremely modern and essential design, thanks to soft touch front panel, it accepts even analogue or AHD cameras (auto detection), allowing recording resolution up to 720p or 1080p. It supports remote connection via PC, 3G smart phones devices (iPhone, iPad, Android) and also P2P feature which makes easier the configuration for remote surveillance.

- Video inputs: 4ch (BNC) AHD / analogue
- Video outputs: 1 x VGA, 1 x HDMI
- Audio: 4 in / 1 out (RCA)
- Recording resolution: WD1 (960H) / 720p / 1080p
- Recording frame rate: 25 Fps per channel at WD1 / 720p, 15 Fps per channel at 1080p
- Bit-rate: 2048-6144Kbps (Main stream); 8-512Kbps (sub-stream network)
- Privacy areas programmable
- Internal storage capability: 1 HDD SATA 2.5"/3.5" (not included), up to 4TB
- USB ports: 2x2.0 (backup and mouse)
- RS-485 port for PTZ camera control (protocols Pelco D/P)
- Motion detector grid: 35x41
- Recording modes: manual, schedule or motion
- Intuitive multilanguage OSD setting menu
- Network interface with web server for local or remote surveillance trough PC (Internet Explorer) or mobile Smart phone/tablet
- E-mail sending upon event
- Protocol supported: DHCP, NTP, SMTP and free Dynamic DNS
- 128ch CMS software
- Mouse and remote control included
- Dimensions: 300x227x53mm
- Power supply: 12Vdc/2A

DVR83AHD



AHD/960H DVR, 8 inputs, H.264 compression

Digital Video Recorder based on embedded Linux operating system with icon graphical user interface. With extremely modern and essential design, thanks to soft touch front panel, it accepts even analogue or AHD cameras (auto detection), allowing recording resolution up to 720p or 1080p. It supports remote connection via PC, 3G smart phones devices (iPhone, iPad, Android) and also P2P feature which makes easier the configuration for remote surveillance.

- Video inputs: 8ch (BNC) AHD / analogue
- Video outputs: 1 x VGA, 1 x HDMI
- Audio: 4 in / 1 out (RCA)
- Recording resolution: WD1 (960H) / 720p / 1080p
- Recording frame rate: 25 Fps per channel at WD1 / 720p, 15 Fps per channel at 1080p
- Bit-rate: 2048-6144Kbps (Main stream); 8-512Kbps (sub-stream network)
- Privacy areas programmable
- Internal storage capability: 1 HDD SATA 2.5"/3.5" (not included), up to 4TB
- USB ports: 2x2.0 (backup and mouse)
- RS-485 port for PTZ camera control (protocols Pelco D/P)
- Motion detector grid: 35x41
- Recording modes: manual, schedule or motion
- Intuitive multilanguage OSD setting menu
- Network interface with web server for local or remote surveillance trough PC (Internet Explorer) or mobile Smart phone/tablet
- E-mail sending upon event
- Protocol supported: DHCP, NTP, SMTP and free Dynamic DNS
- 128ch CMS software
- Mouse and remote control included
- Dimensions: 300x227x53mm
- Power supply: 12Vdc/2A

DVR163AHD



AHD/960H DVR, 16 inputs, H.264 compression



Digital Video Recorder based on embedded Linux operating system with icon graphical user interface. With extremely modern and essential design, thanks to soft touch front panel, it accepts even analogue or AHD cameras (auto detection), allowing recording resolution up to 720p or 1080p. It supports remote connection via PC, 3G smart phones devices (iPhone, iPad, Android) and also P2P feature which makes easier the configuration for remote surveillance.

- Video inputs: 16ch (BNC) AHD / analogue
- Video outputs: 1 x VGA, 1 x HDMI
- Audio: 4 in / 1 out (RCA)
- Recording resolution: WD1 (960H) / 720p / 1080p
- Recording frame rate: 25 Fps per channel at WD1 / 720p, 15 Fps per channel at 1080p
- Bit-rate: 2048-6144Kbps (Main stream); 8-512Kbps (sub-stream network)
- Privacy areas programmable
- Internal storage capability: 1 HDD SATA 2.5"/3.5" (not included), up to 4TB
- USB ports: 2x2.0 (backup and mouse)
- RS-485 port for PTZ camera control (protocols Pelco D/P)
- Motion detector grid: 35x41
- Recording modes: manual, schedule or motion
- Intuitive multilanguage OSD setting menu
- Network interface with web server for local or remote surveillance trough PC (Internet Explorer) or mobile Smart phone/tablet
- E-mail sending upon event
- Protocol supported: DHCP, NTP, SMTP and free Dynamic DNS
- 128ch CMS software
- Mouse and remote control included
- Dimensions: 300x227x53mm
- Power supply: 12Vdc/2A

M

MONITOR

The flat screen display range is renewed thanks to higher quality, high definition video signals available from cameras and DVR's. Different sized monitors fit modern specifications for displaying.

LCD

Screens to displays, even in full HD format, the pictures coming from cameras and DVR. With modern design, they can be installed by provided basement or wall bracket adaptor.



TVM19V

19.5" TFT LCD active matrix monitor (1366x768) 16:9 with led backlight

16:9 format VGA monitor, thanks to different resolutions supported it fits well to correctly display pictures from DVR.

- Pixel pitch 0.227 (H) x 0.227 (V)
- 1 x VGA RGB D-sub 15 pin input
- Display area 435x239 mm
- Maximum resolution: 1920x1080 pixels
- Contrast 3000:1
- Brightness 250 cd/m²
- Colours: 16.7M
- Viewing angles: 178° horizontal-178° vertical
- Response time: 5ms
- VESA 100 wall mounting compatible
- Dimensions: 478x359x180mm
- Weight 2.75 Kg
- Power supply: 110-240Vac/23W



TVM22VH

21.5" TFT LCD active matrix monitor (1920x1080) 16:9 with led backlight

This monitor, beside VGA input, has also a high resolution HDMI one. Thanks to the wide 16:9 format it fits correctly the full HD pictures coming from DVR.

- Pixel pitch 0.248 (H) x 0.248 (V)
- Display area 478x269 mm
- 1 x VGA RGB D-sub 15 pin input
- 1 x HDMI video input
- Maximum resolution: 1920x1080 pixels
- Brightness 250 cd/m²
- Contrast 1000:1
- Viewing angles: 178° horizontal, 178° vertical
- Response time: 6ms
- VESA 75 wall mounting compatible
- Dimensions: 498x298x74 mm
- Weight 4.65 Kg
- Power supply 110-240Vac/23W.

A

INSTALLATION ACCESSORIES

UTP converters



SP-111VLAHD

Passive UTP converter

- Device suitable to convert coaxial cable AHD video signal into twisted pair one (cat.5e/cat.6 type) and vice versa. It is equipped with BNC connector for connection to camera or DVR and about 20cm of cable with terminals. It allows to send 720p signals up to 300m distance or 200m in case of AHD 1080p signal. It is even compatible with analogue, HD-TVI and HD-CVI signals.
- The product is provided in couple.

Power supplies



APS120

Switching power supply (indoor use) 12Vdc/900mA.



APS121

Switching power supply (indoor use) 12 Vdc/1.5 A.

Hard disks



HDD1000

Hard disk 1TB capacity, size 3.5", SATA interface.

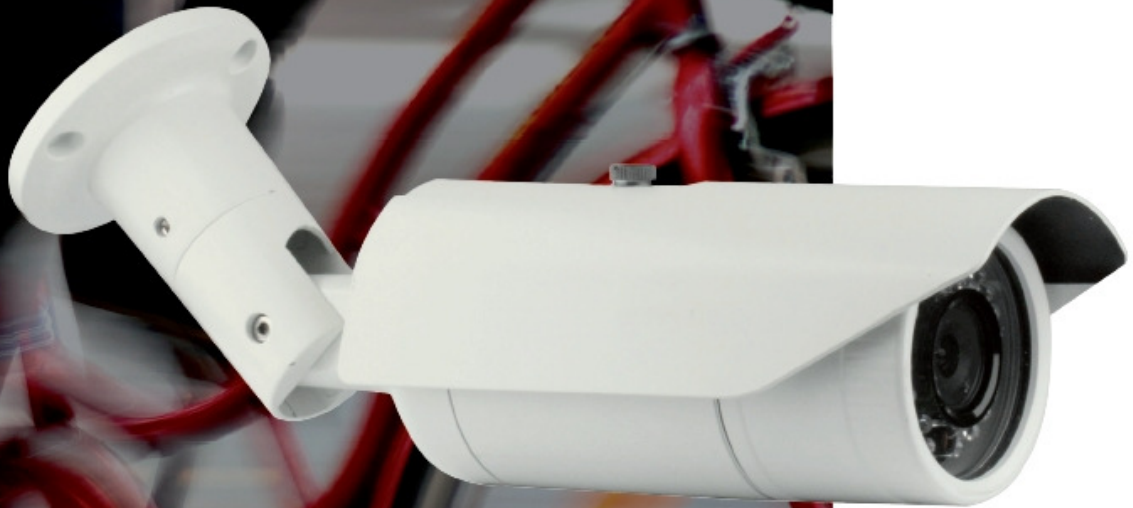


HDD2000

Hard disk 2TB capacity, size 3.5", SATA interface.

IP TECHNOLOGY

IP



Latest evolution on IP based surveillance.
HD solution which merges never seen before
image definition to installation immediacy.

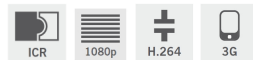
Waterproof IR cameras

1.3 - 2 Mega pixel IP network camera range which allows perfect picture definition even in case of limited bandwidth. Different cases allow to best fit every installation conditions.



	TVT64N/2	TVT64NV/2	TVT87NW	TVT74N	TVT74NV
Sensor type	2.43MP	2.43MP	2MP	1.3MP	1.3MP
Resolution	1920x1080	1920x1080	1920X1080	1280x960	1280x960
Focal length	3.6mm	2.8-12mm	2.8-12mm	3.6mm	2.8-12mm
Number of IR led's	18	30	42	24	21
Power supply	12Vdc/PoE	12Vdc/PoE	12Vdc/PoE	12Vdc	12Vdc/PoE
Protection degree	IP66	IP66	IP66	-	IP65

TVT64N/2



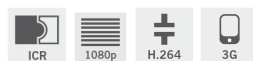
Dual-stream H.264 IP camera, 2.4 Mega pixel



IP camera with integrated fixed lens suitable also for outdoor installations. Thanks to connection to TCP/IP networks and PoE feature, it allows to build flexible systems with digital picture processing and high detail definition. P2P support allows easier connection via mobile devices.

- 1/2.9" CMOS SONY Sensor 2.4 Mega Pixel
- Effective pixel: 1920 (H) x 1080(V)
- Resolution: 1080p
- Frame rate: 25Fps
- Minimum illumination 0.01 lux (IR ON)
- Fixed lens 3.6mm
- Video bandwidth of each video streaming adjustable independently
- 3 Privacy areas, e-mail sending up on event and motion detection
- Recording on NVR, PC or FTP server
- 18 IR leds with photocell
- Protocols HTTP, DHCP, FTP, NTP, RTSP, SMTP, DDNS
- ONVIF 2.4
- Power supply 12Vdc/PoE (IEEE802.3af), maximum consumption 500mA
- Protection degree: IP66
- Dimensions: 68x140 mm
- Recommended power supply: APS120

TVT64NV/2



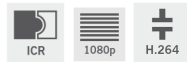
Dual-stream H.264 IP camera, 2.4 Mega pixel



IP camera with integrated varifocal lens suitable also for outdoor installations. Thanks to connection to TCP/IP networks and PoE feature, it allows to build flexible systems with digital picture processing and high detail definition. P2P support allows easier connection via mobile devices.

- 1/2.9" CMOS SONY Sensor 2.4 Mega Pixel
- Effective pixel: 1920 (H) x 1080(V)
- Resolution: 1080p
- Frame rate: 25Fps
- Minimum illumination 0.01 lux (IR ON)
- Varifocal lens: 2.8-12mm
- Video bandwidth of each video streaming adjustable independently
- 3 Privacy areas, e-mail sending up on event and motion detection
- Recording on NVR, PC or FTP server
- 30 IR leds with photocell
- Protocols HTTP, DHCP, FTP, NTP, RTSP, SMTP, DDNS
- ONVIF 2.4
- Power supply 12Vdc/PoE (IEEE802.3af), maximum consumption 700mA
- Protection degree: IP66
- Dimensions: 95x230 mm
- Recommended power supply: APS120

TVT87NW



Dual-stream IP H.264, 2 Mega pixel, with varifocal lens, Wi-Fi



Brand new IP camera equipped with USB port for Wi-Fi adapter or USB memory (up to 64GB) for local recording and varifocal lens, it is also suitable for outdoor installations. Thanks to connection to TCP/IP networks and PoE feature, it allows to build flexible systems with digital picture processing and high detail definition.

- 1/3" CMOS SONY sensor 2.0 Mega pixel
- Effective pixels: 1920 (H) x 1080 (V)
- Resolution: 1080p
- Frame rate: 25Fps
- Minimum illumination: 0.1 lux (IR ON)
- Audio: 1in/1out (RCA)
- Alarm: 1in/1out
- Varifocal lens 2.8-12mm adjustable from outside
- Video bandwidth of each video streaming adjustable independently
- Privacy areas, e-mail sending up on event and motion detection
- Recording on NVR, PC with CMS software, FTP server or USB memory (up to 64GB)
- 42 IR led with photocell
- Protocols: HTTP, DHCP, RTSP, FTP, SMTP, NTP
- Ports: RS-485, USB (for 150Mbps Wi-Fi adapter or flash memory)
- ONVIF 2.3
- Power supply: 12Vdc / PoE (IEEE802.3af) maximum consumption 800mA
- Protection degree: IP66
- Dimensions: 84x256mm
- Recommended power supply: APS121

Fixed dome

1.3 Mega pixel IP dome cameras with vandal proof case: they allow to install a shooting point of reduced dimensions even in indoor or in outdoor environments.

TVT74N



Tri-streaming IP H.264, indoor dome camera, 1.3 Mega pixel, with fixed lens



IP dome camera with fixed lens suitable for indoor installations. With extremely reduced dimensions it allows to place a discreet shooting point without reducing the picture definition. P2P support allows easier connection via mobile devices.

- 1/3" CMOS SONY sensor 1.3 Mega pixel
- Effective pixels: 1280 (H) x 960 (V)
- Resolution: 960p
- Frame rate: 25Fps
- Minimum illumination: 0.1 lux (IR ON)
- Fixed lens 3.6mm
- Video bandwidth of each video streaming adjustable independently
- 3 Privacy areas, e-mail sending up on event and motion detection
- Recording on NVR, PC or FTP server
- 24 IR led with photocell
- Protocols HTTP, DHCP, FTP, SMTP, NTP, RTSP, DDNS
- ONVIF 2.4
- Power supply 12Vdc, maximum consumption 650mA
- Dimensions: 93x73mm
- Recommended power supply: APS120

TVT74NV



Tri-streaming IP H.264, outdoor dome camera, 1.3 Mega pixel, with varifocal lens



IP dome camera with varifocal lens suitable for outdoor installations. Thanks to compact dimensions it allows to place a discreet shooting point without reducing the picture definition. P2P support allows easier connection via mobile devices.

- 1/3" CMOS SONY sensor 1.3 Mega pixel
- Effective pixels: 1280 (H) x 960 (V)
- Resolution: 960p
- Frame rate: 25Fps
- Minimum illumination: 0.1 lux (IR ON)
- Varifocal lens 2.8-12mm
- Video bandwidth of each video streaming adjustable independently
- 3 Privacy areas, e-mail sending up on event and motion detection
- Recording on NVR, PC or FTP server
- 21 IR led with photocell
- Protocols HTTP, DHCP, FTP, SMTP, NTP, RTSP, DDNS
- ONVIF 2.4
- Power supply 12Vdc / PoE (IEEE802.3af), maximum consumption 650mA
- Protection degree: IP65
- Dimensions: 142x120mm
- Recommended power supply: APS120

NVR

Network Video Recorders for recording video streams coming from IP cameras in system composed by 4, 8 or up to 25 cameras. Besides already available models new PoE models have been developed allowing a further installation simplification.



	NVR442	NVR882	NVR82	NVR252
IP Channels	4	8	8	25
PoE ports	4	8	-	-
Recording resolution	1080p	1080p	1080p	2592x1944
Maximum bandwidth	20Mbps	46Mbps	46Mbps	110Mbps
Playback	1ch	1ch/4ch	1ch	1ch/4ch



NVR442
AVAILABLE SOON



Hexaplex 4 PoE channels
Network Video Recorder

Network Video Recorder for management and recording up to 4 IP cameras. Thanks to PoE ports allow to power the cameras by the same data cable, while the automatic search and assign function makes immediate the connection configuration. Finally the support of P2P function allow to make easier even the connection to mobile devices such as Smart phones and Tablets.

- Video input channels: 4 x (1920x1080, 1280x960, 1280x720)
- PoE ports: 4, maximum consumption 15.4" per port
- Video outputs: VGA (1), HDMI (1)
- Compression: H.264
- Recording resolution: 4ch x 1080p / 4ch x 960p / 4ch x 720p
- Recording frame rate: 25Fps per channel
- Live resolution: 4ch x sub stream / 1ch x Main stream
- Playback resolution: 1ch
- Internal storage capability: 1 HDD 2.5"/3.5" SATA (not included), up to 4 TB each
- 2 USB ports for backup and mouse
- Recording modes: schedule or motion
- Network port: RJ-45 10/100Mbps (5)
- Support of remote control via PC and connection via smart phones
- Dimensions: 215x215x53mm
- Power supply 48Vdc/3A
- Mouse included



NVR882
AVAILABLE SOON

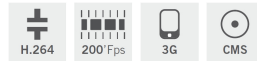


Hexaplex 8 PoE channels
Network Video Recorder

Network Video Recorder for management and recording up to 8 IP cameras. Thanks to PoE ports allow to power the cameras by the same data cable, while the automatic search and assign function makes immediate the connection configuration. Finally the support of P2P function allow to make easier even the connection to mobile devices such as Smart phones and Tablets.

- Video input channels: 8 x (1920x1080, 1280x960, 1280x720)
- PoE ports: 8, maximum consumption 15.4" per port
- Video outputs: VGA (1), HDMI (1)
- Compression: H.264
- Recording resolution: 8ch x 1080p / 8ch x 960p / 8ch x 720p
- Recording frame rate: 25Fps per channel
- Live resolution: 9ch x sub stream / 1ch x Main stream
- Playback resolution: 1ch
- Internal storage capability: 2 HDD 2.5"/3.5" SATA (not included), up to 4 TB each
- 2 USB ports for backup and mouse
- Recording modes: schedule or motion
- Network port: RJ-45 10/100Mbps (9)
- Support of remote control via PC and connection via smart phones
- Dimensions: 354x263x50mm
- Power supply 48Vdc/4A
- Mouse included

NVR82



Hexaplex 8 channels Network Video Recorder

Network Video Recorder based on embedded Linux operating system, it allows to record up to 8 video streaming from network cameras into the LAN. The graphical user interface, multilanguage OSD menu and automatic camera search function allow easy configuration of network links, while P2P support allows easier connection via mobile devices. Compatible with ONVIF IP cameras.

- Video input channels: 8 x (1920x1080, 1280x960, 1280x720)
- Video outputs: VGA (1), HDMI (1)
- Recording resolution: 8ch x 1080p / 8ch x 960p / 8ch x 720p
- Recording frame rate: 25Fps per channel
- Live resolution: D1 x 8ch, 1080p x 1ch
- Playback resolution: 1080p x 1ch
- Internal storage capability: 2 HDD 2."/3.5" SATA (not included), up to 4 TB each
- 2 USB ports for backup and mouse
- Recording modes: schedule or motion
- Network port: RJ-45 10/100Mbps (1)
- Support of remote control via PC and connection via smart phones
- Dimensions mm 354x245x45
- Power supply 12Vdc/4A
- Mouse included

NVR252



Hexaplex 25 channels Network Video Recorder

Network Video Recorder based on embedded Linux operating system, it allows to record up to 25 video streaming from network cameras into the LAN. The graphical user interface, multilanguage OSD menu and automatic camera search function allow easy configuration of network links, while P2P support allows easier connection via mobile devices. Compatible with ONVIF IP cameras.

- Video input channels: 25 x (1920x1080, 1280x960, 1280x720)
- Video outputs: VGA (1), HDMI (1)
- Recording resolution: 25ch x 1080p / 25ch x 960p / 25ch x 720p
- Recording frame rate: 25Fps per channel
- Live resolution: 25ch x D1 / 8ch x D1 / 1ch x 1080p
- Playback resolution: 1ch/4ch x 1080p
- Internal storage capability: 2 HDD 2."/3.5" SATA (not included), up to 4 TB each
- 2 USB ports for backup and mouse
- Recording modes: schedule or motion
- Network port: RJ-45 10/100/1000Mbps (1)
- Support of remote control via PC and connection via smart phones
- Dimensions: 354 x 245 x 45 mm
- Power supply 12Vdc / 4A
- Mouse included

H.265 waterproof cameras

Brand new IP camera range based on H.265 compression which allows 4MP or even higher resolution transmission with same bandwidth request of the IP traditional systems.



	TVT65N	TVT65NV	TVT75N	TVT75NV
Sensor type	4MP	4MP	4MP	4MP
Resolution	2592x1520	2592x1520	2592x1520	2592x1520
Focal length	3.6mm	2.8-12mm	3.6mm	2.8-12mm
Number of IR led's	30	42	28	28
Power supply	12Vdc/PoE	12Vdc/PoE	12Vdc/PoE	12Vdc/PoE
Protection degree	IP66	IP66	IP66	IP66



TVT65N
AVAILABLE SOON



Dual-stream H.265 IP camera, 4 Mega pixel

New IP camera with compact design, equipped with integrated fixed lens and even suitable for outdoor applications. Thanks to the H.265 new compression it allows to get detailed pictures even in case of wide areas shouting. The PoE supports for getting the power supply from the NVR allows to make the wiring installation and configuration even easier.

- CMOS OV Sensor 4 Mega Pixel
- Effective pixel: 2592 (H) x 1520(V)
- Resolution: 4MP
- Frame rate: Main stream 1-15Fps (4MP); 1-25Fps (3MP, 1080p)
- Compression system: H.265 / H.264
- Minimum illumination 0.1 lux (IR ON)
- Fixed lens 3.6mm
- Video bandwidth of each video streaming adjustable independently
- Remote configuration from NVR (only compatible models)
- 30 IR leds with photocell
- ONVIF 2.3
- Power supply 12Vdc maximum consumption 250mA / PoE (IEEE802.3af),
- Protection degree: IP66
- Dimensions: 73x145 mm
- Recommended power supply: APS120



TVT65NV
AVAILABLE SOON



Dual-stream H.265 IP camera, 4 Mega pixel

New IP camera with compact design, equipped with integrated varifocal lens and even suitable for outdoor applications. Thanks to the H.265 new compression it allows to get detailed pictures even in case of wide areas shouting. The PoE supports for getting the power supply from the NVR allows to make the wiring installation and configuration even easier.

- CMOS OV Sensor 4 Mega Pixel
- Effective pixel: 2592 (H) x 1520(V)
- Resolution: 4MP
- Frame rate: Main stream 1-15Fps (4MP); 1-25Fps (3MP, 1080p)
- Compression system: H.265 / H.264
- Minimum illumination 0.1 lux (IR ON)
- Varifocal lens 2.8-12mm
- Video bandwidth of each video streaming adjustable independently
- Remote configuration from NVR (only compatible models)
- 42 IR leds with photocell
- ONVIF 2.3
- Power supply 12Vdc maximum consumption 500mA / PoE (IEEE802.3af),
- Protection degree: IP66
- Dimensions: 102x237 mm
- Recommended power supply: APS120

H.265 dome cameras

Brand new IP dome camera range based on H.265 compression which allows 4MP or even higher resolution transmission with same bandwidth request of the IP traditional systems.



TVT75N
AVAILABLE SOON



Dual-stream H.265 dome IP camera, 4 Mega pixel

New IP dome camera with compact design, equipped with integrated fixed lens and even suitable for outdoor applications. Thanks to the H.265 new compression it allows to get detailed pictures even in case of wide areas shouting. The PoE supports for getting the power supply from the NVR allows to make the wiring installation and configuration even easier.

- CMOS OV Sensor 4 Mega Pixel
- Effective pixel: 2592 (H) x 1520(V)
- Resolution: 4MP
- Frame rate: Main stream 1-15Fps (4MP); 1-25Fps (3MP, 1080p)
- Compression system: H.265 / H.264
- Minimum illumination 0.1 lux (IR ON)
- Fixed lens 3.6mm
- Video bandwidth of each video streaming adjustable independently
- Remote configuration from NVR (only compatible models)
- 28 IR leds with photocell
- ONVIF 2.3
- Power supply 12Vdc maximum consumption 350mA / PoE (IEEE802.3af),
- Protection degree: IP66
- Dimensions: 116x103 mm
- Recommended power supply: APS120

TVT75NV
AVAILABLE SOON



Dual-stream H.265 dome IP camera, 4 Mega pixel

New IP dome camera with compact design, equipped with integrated varifocal lens and even suitable for outdoor applications. Thanks to the H.265 new compression it allows to get detailed pictures even in case of wide areas shooting. The PoE supports for getting the power supply from the NVR allows to make the wiring installation and configuration even easier.

- CMOS OV Sensor 4 Mega Pixel
- Effective pixel: 2592 (H) x 1520(V)
- Resolution: 4MP
- Frame rate: Main stream 1-15Fps (4MP); 1-25Fps (3MP, 1080p)
- Compression system: H.265 / H.264
- Minimum illumination 0.1 lux (IR ON)
- Varifocal lens 2.8-12mm
- Video bandwidth of each video streaming adjustable independently
- Remote configuration from NVR (only compatible models)
- 28 IR leds with photocell
- ONVIF 2.3
- Power supply 12Vdc maximum consumption 350mA / PoE (IEEE802.3af),
- Protection degree: IP66
- Dimensions: 147x113 mm
- Recommended power supply: APS120

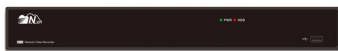
H.265 NVR

Network Video Recorders range which allow management and recording of H.265 video streams and 4K (Ultra HD) video output. All have PoE ports with automatic IP address assignment to make extremely easier system's configuration and setting.



	NVR442K	NVR882K	NVR1682K
IP Channels	4	8	16
PoE ports	4	8	8
Recording resolution	3840x2160	3840x2160	3840x2160
Maximum bandwidth	50Mbps	100Mbps	320Mbps
Playback	1ch/4ch	1ch/4CH	1ch/4ch

NVR442K
AVAILABLE SOON

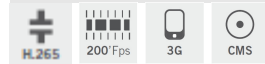


Network video recorder, 4 PoE channels, H.265 compression

New NVR for management and recording of up to 4 H.265 IP cameras and 4K video output. Thanks to PoE ports it allows to power the cameras by the same Ethernet data cable, while the automatic search and assign functions make very simple the connection configuration. Finally the support to P2P function allow to make even easier the remote connection via Smart phone and Tablet.

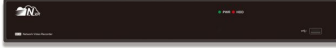
- Video channels: 4ch
- PoE ports: 4, maximum power consumption 15.4W per port
- Video outputs: 1 x VGA, 1 x HDMI
- Compression algorithm: H.265
- Video output resolutions: 3840x2160 (4K), 2560x1440, 1900x1200, 1680x1050, 1920x1080, 1280x1024, 1440x900, 1280x720, 1024x768
- Recording resolution: 8MP (4K), 5MP, 3MP, 2MP (1080p), 1.3MP (960p), 1MP (720p)
- Bit-rate: 256-8192Kbps (Main); 128-4096Kbps (Sub); 8-5120Kbps (Mobile)
- Alarm interface: 4 in / 1 out
- Playback capability: 1ch /4ch
- Internal storage capability: 2 HDD SATA 2.5"/3.5" (not included), up to 4TB
- USB ports: 2x2.0 (backup and mouse), 1x3.0 (backup)
- Recording modes: manual, schedule, alarm or motion
- RJ-45 ports: 10/100/1000Mbps (5)
- Support for local or remote surveillance trough PC or mobile Smart phone/tablet
- Mouse control included
- Dimensions: 380x340x50mm
- Power supply: 48Vdc/2A

NVR882K
AVAILABLE SOON



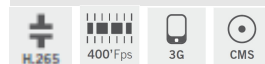
Network video recorder, 8 PoE channels, H.265 compression

New NVR for management and recording of up to 8 H.265 IP cameras and 4K video output. Thanks to PoE ports it allows to power the cameras by the same Ethernet data cable, while the automatic search and assign functions make very simple the connection configuration. Finally the support to P2P function allow to make even easier the remote connection via Smart phone and Tablet.



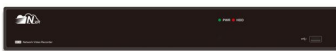
- Video channels: 8ch
- PoE ports: 8, maximum power consumption 15.4W per port
- Video outputs: 1 x VGA, 1 x HDMI
- Compression algorithm: H.265
- Video output resolutions: 3840x2160 (4K), 2560x1440, 1900x1200, 1680x1050, 1920x1080, 1280x1024, 1440x900, 1280x720, 1024x768
- Recording resolution: 8MP (4K), 5MP, 3MP, 2MP (1080p), 1.3MP (960p), 1MP (720p)
- Bit-rate: 256-8192Kbps (Main); 128-4096Kbps (Sub); 8-5120Kbps (Mobile)
- Alarm interface: 8 in / 1 out
- Playback capability: 1ch /4ch
- Internal storage capability: 2 HDD SATA 2.5"/3.5" (not included), up to 4TB
- USB ports: 2x2.0 (backup and mouse), 1x3.0 (backup)
- Recording modes: manual, schedule, alarm or motion
- RJ-45 ports: 10/100/1000Mbps (9)
- Support for local or remote surveillance trough PC or mobile Smart phone/tablet
- Mouse control included
- Dimensions: 380x340x50mm
- Power supply: 48Vdc/2A

NVR1682K
AVAILABLE SOON



Network video recorder, 16 channels (8 PoE), H.265 compression

New NVR for management and recording of up to 16 H.265 IP cameras (8 can be directly connected to its PoE ports) and 4K video output. Thanks to PoE ports it allows to power the cameras by the same Ethernet data cable, while the automatic search and assign functions make very simple the connection configuration. Finally the support to P2P function allow to make even easier the remote connection via Smart phone and Tablet.



- Video channels: 16ch
- PoE ports: 8, maximum power consumption 15.4W per port
- Video outputs: 1 x VGA, 1 x HDMI
- Compression algorithm: H.265
- Video output resolutions: 3840x2160 (4K), 2560x1440, 1900x1200, 1680x1050, 1920x1080, 1280x1024, 1440x900, 1280x720, 1024x768
- Recording resolution: 8MP (4K), 5MP, 3MP, 2MP (1080p), 1.3MP (960p), 1MP (720p)
- Bit-rate: 256-8192Kbps (Main); 128-4096Kbps (Sub); 8-5120Kbps (Mobile)
- Alarm interface: 8 in / 1 out
- Playback capability: 1ch /4ch
- Internal storage capability: 2 HDD SATA 2.5"/3.5" (not included), up to 4TB
- USB ports: 2x2.0 (backup and mouse), 1x3.0 (backup)
- Recording modes: manual, schedule, alarm or motion
- RJ-45 ports: 10/100/1000Mbps (9)
- Support for local or remote surveillance trough PC or mobile Smart phone/tablet
- Mouse control included
- Dimensions: 380x340x50mm
- Power supply: 48Vdc/2A

M

MONITOR

The flat screen display range is renewed thanks to higher quality, high definition video signals available from cameras and DVR's. Different sized monitors fit modern specifications for displaying.

LCD

Screens to displays, even in 4K format, the pictures coming from cameras and NVR. With modern design, they can be installed by provided basement or wall bracket adaptor.



TVM22VH

21.5" TFT LCD active matrix monitor (1920x1080) 16:9 with led backlight

This monitor, beside VGA input, has also a high resolution HDMI one. Thanks to the wide 16:9 format it fits correctly the full HD pictures coming from NVR.

- Pixel pitch 0.248 (H) x 0.248 (V)
- Display area: 478x269 mm
- 1 x VGA RGB D-sub 15 pin input
- 1 x HDMI video input
- Maximum resolution: 1920x1080 pixels
- Brightness 250 cd/m²
- Contrast 1000:1
- Viewing angles: 178° horizontal, 178° vertical
- Response time: 6ms
- VESA 75 wall mounting compatible
- Dimensions: 498x298x74 mm
- Weight 4.65 Kg
- Power supply 110-240Vac/23W.



TVM24VH

23.6" TFT LCD active matrix UHD (4K) monitor, 16:9 with led backlight

This monitor is the highest level on performance side: the colour reproduction fidelity and the 4K UHD resolution guarantee the best result in displaying pictures captured by last-generation video surveillance systems.

- Pixel pitch 0.136 (H) x 0.136 (V)
- Display area: 521x293 mm
- 1 x VGA RGB D-sub 15 pin input
- 1 x HDMI video input
- 1 x DVI-D video input
- Maximum resolution: 3840x2160 pixels
- Brightness 300 cd/m²
- Contrast 1000:1
- Viewing angles: 178° horizontal, 178° vertical
- Response time: 4ms
- VESA 100 wall mounting compatible
- Dimensions: 555x383x139 mm (including bracket)
- Weight: 6 Kg
- Power supply 110-240Vac/34W.

A

INSTALLATION ACCESSORIES

Power supplies



APS120

Switching power supply (indoor use) 12Vdc/900mA.



APS121

Switching power supply (indoor use) 12 Vdc/1.5 A.

Hard disks



HDD1000

Hard disk 1TB capacity, size 3.5", SATA interface.



HDD2000

Hard disk 2TB capacity, size 3.5", SATA interface.

Product's Index

Item reference	Page	Item reference	Page
APS120	20	TVT64NV/2	22
APS121	20	TVT65N	26
DVR43AHD	17	TVT65NV	26
DVR163AHD	18	TVT72AHD	16
DVR83AHD	17	TVT72FAHD	16
HDD1000	20	TVT73FAHD	15
HDD2000	20	TVT73MAHD	16
NVR1682K	28	TVT74N	23
NVR252	25	TVT74NV	23
NVR442	24	TVT75N	26
NVR442K	27	TVT75NV	27
NVR82	25	TVT83MCAHD	15
NVR882	24	TVT86EAHD	13
NVR882K	28	TVT86FAHD	13
SP-111VLAHD	20	TVT86VAHD	14
TVM19V	19	TVT86VFAHD	14
TVM22VH	19	TVT87NW	23
TVM24VH	29	TVT88FAHD	14
TVT64N/2	22		

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for Security



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