



**MEGAPIXEL IP NETWORK POE SECURITY SOLUTION**

Camera/NVR features & software	244
Bullet cameras	245
Fixed Dome cameras	246
Pan & Tilt Dome cameras	247
Network Video Recorders (NVRs)	248



**CCTV VIDEO SURVEILLANCE**

DVR & Camera Kits	249
DVR with built in monitor & camera kits	250
Additional cameras	250

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Surveon Technology offers end-to-end network video surveillance solutions & is one of few companies in the industry with a strong expertise & background in enterprise-class storage solutions, network communications and video surveillance technologies. Surveon offer box, bullet, dome, PTZ & speed dome cameras with resolutions ranging from D1 to megapixel including day/night, WDR, wide temperature, vandal proof & weatherproof IP66 models. All backed by a 3 year warranty. See [www.surveon.com](http://www.surveon.com)



### Focused On Reliability & Video Quality

Surveon cameras provide stable video streams with zero frame loss, minimised delay & reliable 24/7 365 operation. Optimisation in optical engineering - in image processing & codec integration - provide Surveon cameras with ideal image clarity & low light sensitivity. Surveon cameras have a 3 year warranty.



Conventional camera



Surveon camera



IP66 Impact resistant



IP66 Weatherproof

### Video Analytics

All Surveon cameras support real time VI with the Surveon VI suite featuring functions such as foreign & missing object detection, forbidden area, intrusion detection & camera tampering detection.



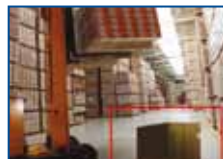
Entrance flow counting



Missing object detected



Intrusion detection



Unallowed object

### Effective IP Video Surveillance Management

Effective IP Video Surveillance Management: Surveon video management software is pre-installed on all Surveon cameras & NVRs. Distributed client server architecture is scalable for projects ranging from single store to multiple site applications.



- Simple installation & configuration
- Multiple displays
- eMAP - Hierarchical maps
- Investigation - date/time search, pre-defined search, analytics
- Recording 24/7 continuous recording
- Real time detection of events
- Alarm & Rule manager - configurable alarms
- 3rd Party IPCAM support - Surveon cameras are **ONVIF** compliant ensuring interoperability between products regardless of manufacturer.

Megapixel Day & Night WDR Bullet Cameras



Power Over Ethernet (PoE) IP cameras with IP66 rated housing for weatherproof outdoor and indoor applications. Allows 24/7 surveillance even in low lux conditions. For protection against vandalism all cables are concealed within the mounting bracket. It's an ideal solution for car parks, airports, petrol stations, schools, university campus, city streets, ports & public places.



For a full product specification see [www.surveon.com](http://www.surveon.com) or [www.minitran.co.uk](http://www.minitran.co.uk)

**3 Megapixel camera features:**

- 3 Megapixel SONY low light sensor
- Up to 2048 x 1536 video resolution
- 3 x optical zoom & Surveon auto focus
- Standard software with motion detection, tampering detection, missing object, foreign object, intrusion detection & forbidden area.
- Video stream: Dual stream at H.264, MPEG-4 & MJPEG simultaneously
- POE (IEEE802.3af) & Day/Night ICR
- Built in IR illuminators, effective up to 20Mtrs
- IP66 & wide temperature for outdoor use
- Cables concealed within bracket
- Dimensions: 105x219x191mm

**1.3 Megapixel camera features:**

- 1.3 Megapixel progressive scan CMOS sensor
- Up to 1280 x 1024 video resolution
- Standard software with motion detection & tampering detection
- H264/MPEG/MJPEG 2 simultaneous videostreams
- MicroSD/SDHC local storage for alarm capture
- Power over Ethernet (IEEE802.3af)
- Day night function with IR-Cut filter
- Built in IR illuminators, effective up to 30Mtrs
- IP66 & wide temperature for outdoor use
- Cables concealed within bracket
- Dimensions: 105x219x191mm

Megapixel	16 : 9	Low Light Sensor	WDR	Auto Focus
Dual Stream	Tampering Detection	Video Intelligent	Local Storage	PoE
D/N	IR LED	IP66	Wide Temperature	FUJII HD

**CAM3365**

Megapixel	Vari-focal	Dual Stream	Tampering Detection	Video Intelligent
Two Way Audio	Local Storage	PoE	D/N	IR LED
IP66	Wide Temperature			

**CAM3260**

3 megapixel day & night outdoor bullet network IP camera with varifocal motor lens and contents listed below.

**CAM3365**

1.3 megapixel day & night outdoor bullet network IP camera with motor lens & contents listed below

**CAM3260**

Optional power adapter (when not being used with PoE)

**ZPWR18W-0030**

Each of the above cameras also comes with software, wall mount bracket, installation guide, product DVD, screw hole indicator sticker, anchors & mounting screws, hexagonal spanner and a 3 year product warranty.

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1.3 Megapixel Fixed Dome Network Cameras



CAM4210 &  
CAM4220



CAM4260

**Features common to each camera:**

For ceiling mount design with minimal aesthetic intrusion. Indoor & outdoor day & night versions allowing 24/7 surveillance even in low lux conditions. This is an ideal solution for car parks, airports, petrol stations, schools, university campus, city streets, ports & public places

- 1.3 Megapixel Progressive Scan CMOS sensor
- Up to 1280 x 1024 video resolution
- H264/MPEG4/MJPEG 2 simultaneous video streams
- Standard software with motion detection & tampering detection
- MicroSD/SDHC local storage for alarm capture
- Power Over Ethernet (IEEE802.3af)

**Individual camera features:**

- CAM4210 Fixed dome - Built in IR illuminators effective up to 15Mtrs
- CAM4220 Day & Night Fixed Dome - Built in IR illuminators effective up to 30Mtrs. Day/night function with IR-Cut Filter
- CAM4260 Day & Night Outdoor Fixed Dome - Built in IR illuminators effective up to 30Mtrs, IP66 wide temperature, vandal proof for outdoor applications.

Megapixel	Dual Stream	Tampering Detection	Video Intelligent	Two way Audio
Local Storage	Tampering Detection	IR LED		

**CAM4210**

Megapixel	Vari-focal	Dual Stream	Tampering Detection	Video Intelligent
Two way Audio	Local Storage	PoE	D/N	IR LED

**CAM4220**

Megapixel	Vari-focal	Dual Stream	Tampering Detection	Video Intelligent	Two way Audio	Local Storage	PoE	D/N	IR LED	IP66	Wide Temperature	Vandal Resistant

**CAM4260**

1.3 megapixel fixed dome camera with F4.2mm, F1.8 lens	<b>CAM4210</b>
1.3 megapixel fixed dome day & night camera with Varifocal lens	<b>CAM4220</b>
1.3 megapixel fixed dome day & night outdoor camera with Varifocal lens	<b>CAM4260</b>
Optional power adapter (when not being used with PoE)	<b>ZPWR18W-0030</b>
L Type Bracket	<b>ZBRACKETL-0050</b>

Each of the above cameras also comes with software, installation guide, product DVD, screw hole indicator sticker, anchors & mounting screws & a 3 year product warranty.  
2 & 3 Megapixel versions also available with enhanced software capabilities.

PoE switches:  
page 186

**TIP** For a full product specification see [www.surveon.com](http://www.surveon.com) or [www.minitran.co.uk](http://www.minitran.co.uk)

PoE injectors:  
page 185

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1.3 Megapixel Pan & Tilt Dome Network Cameras



The CAM5210 is a megapixel network camera featuring pan/tilt functionality. With a 200 degree pan & 120 degree tilt the camera can achieve a wide range of view giving users more comprehensive control over the monitored site. Its an ideal solution for stadiums, airports, shopping centres and banks.

- 1.3 Megapixel Progressive Scan CMOS sensor
- Up to 1280 x 1024 video resolution
- H264/MPEG4/MJPEG 2 simultaneous video streams
- Standard software with motion detection & tampering detection
- SD/SDHC local storage for alarm capture
- Power Over Ethernet (IEEE802.3af)

Megapixel	Dual Stream	Tampering Detection	Video Intelligent	Two way Audio	Local Storage
PoE	PTZ				

**CAM5210**

1.3 megapixel pan & tilt dome camera with F4.2mm, F1.8 lens

**CAM5210**

Optional power adapter (when not being used with PoE)

**ZPWR18W-0030**

The above camera is supplied with software, installation guide, product DVD, decoration ring, anchors & mounting screws & a 3 year product warranty.

Box, cameras, speed dome and additional bullet and dome camera options available in 1.3 - 3 megapixel versions. Please call our office for details.



For a full product specification see [www.surveon.com](http://www.surveon.com) or [www.minitran.co.uk](http://www.minitran.co.uk)



PoE switches:  
page 186



Other Surveon camera styles available. Contact us for details.



PoE injectors:  
page 185

6 Channel Megapixel H/W Raid NVR



Dual LAN	HW RAID
Video Intelligence	VGA Local Display
Duo Core	Dual Stream
Low Power	Hot Swappable HD



The Surveon SRM2006 is a compact state of the art network video recorder for supporting megapixel quality video of 6 channels for 7 - 30 days or more. It is fully burn-in tested & pre configured with Surveon Enterprise VMS software (see page 245) with no need for complex set up processes.

- 6 channel smart Megapixel Video Recorder
- Built in Intel ICH9R Hardware RAID
- 2 x hot swappable hard disks
- Remote management
- Real time VI detection
- Low power consumption
- In house design & production
- Local display
- 3 year warranty
- Dimensions: 190(h)x110(w)x245mm(d)
- Weight 3kg

6 Channel NVR

**SMR2006**



For a full product specification see [www.surveon.com](http://www.surveon.com) or [www.minitran.co.uk](http://www.minitran.co.uk)  
Additional NVRs also available.

Scalable Video Solutions



The SRM series of NVRs is aimed at small enterprises. As well as the 6 channel NVR (above) the SRM series is available in versions offering up to 32 channels. For bigger applications Surveon offer their Enterprise rack mount series with 16 to 1000 channels. The table below briefly outlines the Surveon NVRs range & their applications. **Please contact us for details or see [www.surveon.com](http://www.surveon.com).**

Segment	Business	Key Features	Surveon Solution
Small	Retail, hospital, restaurant, SMB, clinic, small factory, school	<16 channel. Simple installation, all in one.	Surveon Compact SMR Series
Medium	Community, university, enterprise, school, hospital, supermarket, factory, hotel.	16 - 200 channel. Client Server Enterprise RAID1	Surveon HW Raid NVR2000 Series
Large	City surveillance, transport, public utility casino, airport.	32 - 1000 channels. Client Server Centralise Management.	Surveon Centralised Storage CVST Solutions

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**CCTV Video Surveillance**

These CCTV surveillance kits are designed for office, small shop or home use. Quick and easy installation using RJ45 Cat5e cabling to connect the cameras to the DVR. The DVR then supplies the power to the CCTV cameras across the CAT5e cabling, taking the video stream back to the NVR.

The maximum distance of Cat5e cable between the DVR and camera is 100Mtrs. A true plug and play system.

- Different kits are available with camera options to suit your requirements.
- Both the bullet and the dome cameras supplied with the kits are weatherproof and can be used internally and externally.



**DVR & Camera Kits**



This series of network Digital Video Recorders (DVR) features H.264 encoding for high quality realtime DVR features web management for remote access. This feature-laden DVR includes web management, time, date and motion detect recording and IR control. Recording can be based on dates, time and motion detection.

USB port can be used for the connection of an additional flash stick or HD for archiving data. Remote access can be via a wired LAN, WAN, 3G and by mobile devices such as smart and iPhones.

4 Channel DVR inc 2 Dome & 2 Bullet cameras	<b>ZB-804V2B2D</b>
4 Channel DVR incl 4 Dome Cameras	<b>ZB-804V4D</b>
4 Channel DVR inc 4 Bullet Cameras	<b>ZB-804V4B</b>
8 Channel DVR inc 4 x Dome & 4 x Bullet cameras	<b>ZB-808V4B4D</b>

- 4 x RJ45 AV + Power ports
- 4 x BNC input
- 1 x BNC composite output
- 1 x SVGA Output
- 2 x USB2.0 interface
- 1 x LAN RJ45 10/100 Ethernet Port
- 1 x IR Remote control
- 1 x RS485 port
- External Alarm trigger ports



*For camera specifications & photo: see page 250.*

Includes 1 x 500GB SATA II HDD  
Up to 2 x 2TB can be fitted

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DVR & camera kits are supplied in an easy to carry box as shown top of this page.



Cat5e/6 Cable: see page 7

## DVR with Built-In Monitor &amp; Camera Kits



This is a self contained 4ch DVR Kit with a built in 7" TFT monitor. By using Cat5e cable to connect the cameras back to the DVR, installation is quick and simple. The maximum distance between the DVR and cameras is 100Mtrs. Ideal for small shops, office, temporary installations or home use. Recording can be via time, date and/or motion detection and can be set via the OSD or via the web interface.

**7" TFT Monitor DVR Specification**

Built in 7" TFT Colour monitor

4 x RJ45 AV + Power ports

4 x BNC input

1 x BNC composite output

1 x SVGA Output

2 x USB2.0 interface

1 x LAN RJ45 10/100 Ethernet Port

1 x IR Remote control

1 x RS485 port

Includes 1 x 500GB SATA II HDD

External Alarm trigger ports

Remote Access via LAN, WAN, 3G internet and mobile devices such as smartphones, or tablets.

7" TFT Monitor DVR inc

4 Bullet cameras

**ZB-504V4B**

7" TFT Monitor DVR inc

2 Dome & 2 Bullet cameras

**ZB-804V2B2D**

## Camera Specifications

Kits are supplied with these cameras.

However, additional cameras may be ordered using the part numbers shown.

**Bullet Camera**

1/3 Sony Colour CCD 420TVL

0Lux with 26 x IR LED illuminators

IR distance 20-25Mtrs

Balanced illumination

Auto Gain control

Weatherproof

DC12 via CAT5e powered from DVR

Bullet Camera

**ZB-4007A**

**Dome Camera**

1/3 Sony Colour CCD 420TVL

0Lux with 18 x IR LED illuminators

IR distance 15Mtrs

Balanced illumination

Auto Gain control

Weatherproof

DC12 via CAT5e powered from DVR

Bullet Camera

**ZB-5037A**



Cat5/6 Cable: see page 7