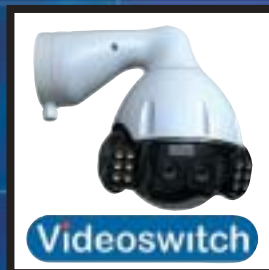


Trade CCTV Catalogue 2009/2010





What's New for 2009/2010

Great Value
- Our Camera
Prices start from
as low as



See Page 4



See Page 9



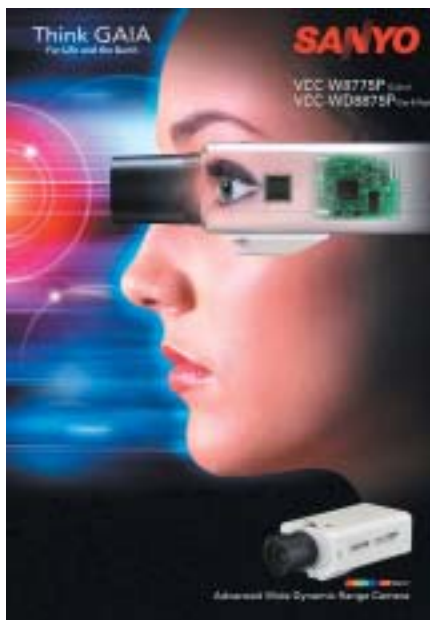
New 70m IR Camera

See page 15



New High Definition DVR

- See pages 26&27



New Advanced Wide Dynamic Range

- See page 8



New 0.00002 Lux Vandal Dome

- See page 12



New H.264 D1 (4CIF) Network DVR

- See pages 24-25

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Internal Dome Cameras

NEW: AVC 909/D301 1/3" SONY CCD Colour Dome, 380 TVL

- 0.4 Lux
- 3.6mm Lens
- 12V DC, 110mA
- Dim (mm): 100 (Dia) x 60



AVC 912/D302 1/3" SONY Super HAD CCD Colour Dome, 520 TVL

- 0.3 Lux
- 3.6mm Lens
- 12V DC, 90mA
- Dim (mm): 100 (Dia) x 60



D601 1/3" SONY Super HAD CCD 3-Axis Colour Dome, 420 TVL

- 0.3 Lux
- 3.6mm Lens
- 12V DC, 120mA
- wall or ceiling mount
- Dim (mm): 88 (Dia) x 57



Cover removed

NEW: D821VF 1/3" SONY Super HAD CCD Varifocal Colour Dome, 520 TVL

- 0.3 Lux
- 3.7-12mm AI Lens
- 12V DC, 110mA
- Dim (mm): 107 (Dia) x 91



NEW: SAMSUNG SCC-B5368 A1 DSP Technology Ultra High Resolution Day/Night Varifocal Dome, 600TVL



- 1/3" SONY Super-HAD IT CCD
- 0.00023Lux (Sens-Up 512x)
- 2.8~11mm, Auto Iris Lens
- 3-Axis (wall or ceiling mount)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- BLC (Area Setting)
- Advanced Motion Detection
- eXtended Dynamic Range (XDR)
- Privacy Mask (Polygonal Mosaic)
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coax)
- OSD Support
- Intelligent Video Content Analysis: (Moved / Fixed / Fence / Area / Tracking)
- DC12V / AC24V
- Dim (mm): 102 (Dia) x 78

For full explanation of Samsung A1 Technology features benefits - see page 13

Internal Dome Cameras



SANYO Piccadilly Circus, London, Since 1980

Delivering 40 years of experience makes the SANYO CCTV product range one of the most comprehensive, easy to use and install and reliable in the industry.



SANYO VCC-9685VP 1/4" CCD, Super High Resolution Colour Varifocal Dome, 540 TVL

- 2.3x (2.8 - 8mm) AI lens
- 0.5 lux
- 2 mode BLC, ATW
- 3-Axis (wall or ceiling mount)
- 24VAC / 12VDC
- Dim (mm): 151 (Dia) x 104



PAN-FOCUS Award Winning Camera Range
Technology in Perspective

SANYO VCC-P7575PA Pan-Focus 1/4" CCD, Super High Resolution Colour Dome, 2.6x Zoom, 520 TVL

- Optical (2.8-7.3mm) Motorized pan-focus AI lens
- Depth of field Focus Range: 1m to infinity
- 1.9 Lux
- 2 mode BLC, ATW, AWC
- Intelligent Motion Detection
- 4 Privacy Masking, Alarm
- 3-Axis (wall/ceiling mount)
- Network/UTP video tx connectivity (£option)
- Remote set-up via Coax (VAC-70 (£option))
- 24VAC / 12VDC
- Dim (mm): 151 (Dia) x 116



Areas with swaying trees or flickering light, etc. can be eliminated to avoid false alarms. Surveillance of the detected object can be conducted at a zoom magnification of x1.0, x1.4, x2.0 or x2.6.



NEW: SANYO VCC-W9875VP Advanced Wide Dynamic Range Colour Varifocal Dome, Ultra High Quality, 550 TVL

- 1/3" Progressive Scan CMOS Sensor
- SANYO Advanced Image Processing Engine
- "Retina-Morphic Processing Algorithm"
- New & Advanced Linear Output Method
- Unique SINGLE EXPOSURE wide dynamic mode (50dB)
- Premium Bayer Mosaic RGB Filter
- Digital Noise Reduction
- Smearless- diminishes vertical noise (eg car headlights)
- 2.3x (2.8 - 8mm) AI lens
- 0.8 lux
- BLC, Sophisticated AWB System
- 3-Axis (wall/ceiling mount)
- Remote Menu set-up by VAC-70 (£option)
- 24VAC / 12VDC
- Dim (mm): 151 (Dia) x 104



Sanyo Camera Accessories

NEW: SANYO VAC-70 Single Camera Controller

- Easy remote camera set up from the control equipment location
- Compatible with many SANYO cameras



Covert/Discreet Cameras

C301 1/3" SONY HAD CCD
Colour Smoke Detector
Camera, 420 TVL

- 0.2 Lux
- 3.7mm Pinhole Lens
- 12V DC, 140mA
- Dim (mm): 120 (Dia) x 60



C302 Super High
Resolution
Version of above, 520 TVL



C101 1/4" SONY
Super HAD CCD
Colour Bullet
Camera, 420 TVL

- 0.5 Lux
- 3.6mm Board Lens
- Weatherproof IP66
- 12V DC, 117mA
- Dim (mm): 28 (Dia) x 90



1/3" SONY Super
HAD CCD, Mini
Colour Bullet
Camera, 420 TVL

- 0.4 Lux
- Weatherproof IP66
- 12V DC, 100mA



Options:

C201 3.8mm Cone Lens, Dim (mm): 23 (Dia) x 47

C202 3.6mm Board Lens, Dim (mm): 23 (Dia) x 66

C401 1/3" SONY Super HAD CCD
Colour PIR (No PIR Sensor) Camera,
420TVL

- 0.2 Lux
- 3.7mm Pinhole Lens
- Audio
- 12V DC, 120mA
- Dim (mm): 48 x 70 x 120



C402 Working version of above,
420 TVL

- Built-in PIR sensor board
- Motion Detection and Relay out
- 12V DC, 170mA



C403 Super High Resolution
version of above, 520 TVL



1/4" SONY Super
HAD CCD Ultra Mini
Colour Camera,
420 TVL

- 0.4 Lux
- c/w Mini Stand/Bracket
- 12V DC, 125mA



Options:

E102 3.7mm Pinhole Lens
Dim (mm): 20 x 36 x 36

E103

E102

E103 3.6mm Board Lens, Audio
Dim (mm): 26 x 25 x 25

Colour and Day/Night Body Cameras

AVC 894/A201-3 1/3" SONY Super HAD CCD Colour Camera, 420 TVL

- 0.1 Lux
- 12V DC, 260mA
- Dim (mm): 132 x 68 x 66



Lens not included

A301 1/3" SONY Super HAD CCD Colour Camera, 550 TVL

- 0.2 Lux
- 12V DC, 175mA / 24V AC
- Dim (mm): 132 x 68 x 66



Lens not included

NEW: SANYO VCC-5995P 1/3" DSP CCD High Resolution Colour Compact Camera, 520 TVL

- 1.0 lux
- CS Mount
- BLC, AGC, AWB
- Dim (mm): 63 x 68 x 51
- 24VAC / 12VDC



Lens not included

AVC 889/A401 1/3" SONY CCD Day/Night Camera, 420 TVL

- Colour auto switch to 0.1 Lux (Mono)
- (Video/DC), AWB, AGC, BLC
- 12V DC, 150mA
- Dim (mm): 108 x 53 x 50



Lens not included

A402 1/3" SONY Super HAD CCD Day/Night Camera, 520 TVL

- Colour auto switch to 0.1 Lux (Mono)
- (Video/DC), AWB, AGC, BLC
- 12V DC, 250mA / 24V AC
- Dim (mm): 132 x 68 x 66



Lens not included

SANYO VCC-6695P / VCC-6690P 1/3" CCD DSP Super High Resolution Colour / Electronic Mono Camera, 540 TVL

- Auto switch to B/W (non IR sensitive)
- 0.25 Lux (B/W), 0.35 Lux (Colour)
- 2 mode BLC
- 24VAC / 12VDC VCC-6695P
- 230VAC VCC-6690P
- Dim (mm): 67 x 54 x 127



Lens not included



NEW: SAMSUNG SCC-B2331 A1 DSP Technology Ultra High Resolution Day/Night Body Camera, 600 TVL

- 1/3" SONY Super-HAD IT CCD
- 0.0002Lux (Sens-Up 512x)
- Motion Adaptive Digital Noise Reduction (3D+2D)
- BLC (Area Setting)
- Advanced Motion Detection
- eXtended Dynamic Range (XDR)
- Privacy Mask (Polygonal Mosaic)
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coax)
- OSD Support
- C/CS Lens Mount, (Video/DC)
- DC12V / AC24V
- Dim (mm): 64 x 58 x 109



Lens not included



SANYO VCC-4795P / VCC-4790P 1/3" CCD Super High Resolution True Day/Night (ICR) Camera, 540 TVL

- 0.01 Lux (BW), 0.45 Lux (Colour)
- 2 mode BLC, ATW, AGC
- 24VAC / 12VDC (VCC-4795P)
- 230VAC (VCC-4790P)
- Dim (mm): 67 x 54 x 128




Lens not included

SANYO Advanced Wide Dynamic Range

Enhanced surveillance that compares favorably to the human eye.

Reproducing images more naturally and with greater clarity, the SANYO "Advanced WDR" Surveillance Camera achieves significantly greater dynamic range utilizing SANYO's own innovative technologies. By adopting a radically new linear output method, SANYO has created a security optimized camera delivering superb performance under varying light conditions and one which utilizes a new "retina-morphic processing algorithm" for capabilities approaching the human retina. Surveillance now reaches a higher level of performance than thought possible.

Advanced WDR



Lens not included



Advanced Wide Dynamic Range Cameras

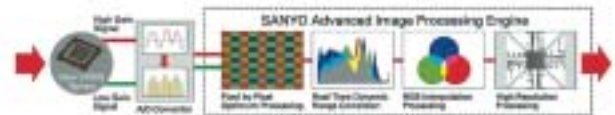
Enhanced surveillance that compares favourably to the human eye

Reproducing images more naturally and with greater clarity, the SANYO "Advanced WDR" Surveillance Camera achieves significantly greater dynamic range utilizing SANYO's own innovative technologies.

By adopting a radically new linear output method, SANYO has created a security optimized camera

delivering superb performance under varying light conditions and one which utilizes a new "retina-morphic processing algorithm" for capabilities approaching the human retina. Surveillance now reaches a higher level of performance than thought possible.

Advanced WDR Image Processing System



Options:

NEW: SANYO VCC-W8775P / VCC-W8770P

Advanced Wide Dynamic Range Colour Camera, Ultra High Quality, 550 TVL

- 1/3" Progressive Scan CMOS Sensor
- SANYO Advanced Image Processing Engine
- "Retina-Morphic Processing Algorithm"
- New & Advanced Linear Output Method
- Unique SINGLE EXPOSURE wide dynamic mode (50dB)
- Premium Bayer Mosaic RGB Filter
- Digital Noise Reduction
- Smearless - diminishes vertical noise (eg car headlights)
- 0.8 lux
- BLC, Sophisticated AWB System
- Remote Menu set-up by VAC-70 (Option)
- 24VAC / 12VDC (VCC-W8775P)
- 230VAC (VCC-W8770P)
- Dim (mm): 71 x 45 x 119

NEW: SANYO VCC-W8875P / VCC-W8870P

Advanced Wide Dynamic Range Day/Night Camera, Ultra High Quality, 550 TVL

As VCC-W8775P / VCC-W8770P but with:

- True Day/Night (ICR)
- 0.8 lux (Colour), 0.08 Lux (Mono), BLC
- 24VAC / 12VDC (VCC-W8875P)
- 230VAC (VCC-W8870P)
- Dim (mm): 71 x 45 x 119

SANYO Full HD Network Zoom Camera



SANYO Full HD (1920 x 1080/25p) H.264 Network Zoom Camera

High Definition - equipped with world's first genuine 4 Megapixel lens - for ultimate surveillance video quality. Achieves a resolution approximately 9 TIMES that of a conventional camera (VGA). Ideal for banking, transport, casinos, retail, factories and all remote surveillance applications, the VCCHDN4000P brings broadcast quality imaging to the CCTV industry.

SANYO VCC-HDN4000P

- 25FPS, 1080p full HD video
- 1/2.5" CMOS 4 megapixel resolution
- Dual codec: full HD (H.264) / 2288 x 1712 (JPEG)
- COAX or High Resolution HDMI output
- 10x Auto Focus zoom mega pixel lens (6.3-63mm), further 16 x digital zoom
- HD image recording on SD memory card or external 2.5" HDD (sold separately)
- True Day/Night (ICR)
- 0.1 Lux (BW), 2 Lux (Colour)
- 0.003 Lux (BW, 32 x Sens. Boost)
- 3 mode BLC
- Optical Zoom upon Motion, Alarm in/out
- 8 Zoom presets, 4 Privacy masking
- Human Face Detection (32 max)
- Clipping Function (up to 4 VGA sized sections)
- Alteration Detection - for image authentication
- Smearless - diminishes vertical noise (eg headlights)
- Alarm Buffering function
- Automatic email of images upon alarm
- 24VAC / 12VDC / PoE
- Internet Explorer access or VA-SW3050LITE viewer
- VMS - recording software (£option - see page 29)
- Dim (mm): 95 x 67 x 159
- And much more...



SANYO Network Camera

NEW: SANYO VCC-N6695P
1/3" CCD High-resolution
E-Day/Night Network
Camera, 540 TVL

- Dual codec: H.264/JPEG Network
- auto switch to B/W (non IR sensitive)
- 0.25 Lux (B/W), 0.35 Lux (Col)
- 2 mode BLC
- 24VAC / 12VDC / PoE



Lens not included



Options:



NEW: VA-HDC4000 Hard Drive Caddy for VCC-HDN4000P Camera (Requires Hard Drive MHY2200BS)

NEW: MHY2200BS 120Gb Hard Drive for insertion into VA-HDC4000 Caddy

Day/Night Vandal Domes

NEW: AVC 885A-IR 1/3"
SONY CCD External Vandal
Day/Night IR Dome, 540 TVL

- 0 Lux (IR on)
- (up to) 15m range, 20 IR LED
- 3.6mm Lens
- 12V DC, 350mA (IR on)
- Weatherproof IP55
- Dim (mm): 94 (Dia) x 70
- External Adjustment Zoom/Focus
- 3-Axis (for wall/ceiling)
- Dual Glass Technology



NEW: 891A-IR 1/3"
SONY Super HAD CCD
External Vandal Day/Night
Varifocal IR Dome, 540 TVL

- 0 Lux (IR on)
- (up to) 25m range, 36 IR LED
- 4-9mm AI Lens
- 12V DC 500mA (IR on)
- Weatherproof IP55
- Dim (mm): 120 (Dia) x 80
- External Adjustment Zoom/Focus
- 3-Axis (for wall/ceiling)
- Dual Glass Technology



**D103 1/3" SONY Super
HAD CCD External
Vandal Day/Night
Varifocal Dome, 520 TVL**

- 3.7-12mm AI Lens
- 0.2 Lux
- 12V DC, 117mA
- Weatherproof IP66
- Dim (mm): 150 (Dia) x 108
- 3-Axis (Suitable for wall/ceiling)



3-AXIS MECHANISM

**D104-IR 1/3" SONY
Super HAD CCD External
Vandal Day/Night Varifocal
IR Dome, 520 TVL**

- 0 Lux (IR on)
- (up to) 20m range, 24 IR LED
- 3.7-12mm AI Lens
- 12V DC, 400mA (IR On)
- Weatherproof IP66
- Dim (mm): 150 (Dia) x 108
- 3-Axis (Suitable for wall/ceiling)



3-AXIS MECHANISM

**AVC 814-IR SONY 1/3" Super
HAD CCD External Vandal
True Day/Night Varifocal
IR Dome 540/570 TVL**

- ICR - Cut Filter
- 0 Lux (IR on)
- (up to) 20m range, 18 IR LED
- 3.8-9.5mm AI Lens
- 12V DC, 320mA (IR on)
- Weatherproof IP66
- Dim (mm): 145 (Dia) x 100
- 3-Axis (Suitable for wall/ceiling)



**NEW: SAMSUNG SCC-B9374
Super High Resolution
Day/Night (ICR) External
Anti-Vandal Varifocal IR
LED Dome Camera,
540(CoI) / 570(BW) TVL**



- 1/3" Super-HAD CCD
- (Up to) 20m range, 0 Lux with IR-LED (18pcs)
- 3.8~9.5mm Auto Iris lens
- Colour & B/W changing time selectable
- Real 3-axis gimbal bracket (2-Pan, 2-Tilt)
- Water Resistant (IP66)
- Service monitor (second video) built-in
- AC24V / DC12V, 210mA / 420mA (IR LED On)
- Dim(mm): 145(Dia) x 100

SANYO Vandal Domes



SANYO

Exceptionally tough vandal resistant covers



- **Rugged Construction**
SANYO's Pan-Focus Dome Cameras are housed in an exceptionally tough die-cast aluminium enclosure and a polycarbonate dome for extra durability under the most demanding of conditions. To protect against tampering, the fixing screws of the enclosure cover have a unique shape that prevents it from being opened with ordinary tools.
- **IP66 Rated Weatherproof Design**
The camera's protective enclosure safely meets the IP66 standard for resistance against water and dust.
- **Optional Accessories**
 - NH-2000 Flash-mount bracket
 - H2C-50 External Cover (for Internal Dome)

IP66
WEATHER
RESISTANT

NEW: SANYO VDC-D1785IRVP

External 1/3" CCD Super High Resolution Vandal-Resistant Colour/Mono Varifocal IR Dome, 540 TVL

- True Day/Night (ICR)
- Built-in 3.7-12mm Lens
- 0 Lux (IR LED on)
- (Up to) 20m range, 18 IR LED, 850nm
- BLC, AWB, AGC
- Triple Video Output (BNC / UTP / ADJ)
- 3-Axis (suitable for wall or ceiling)
- IP67 Enclosure
- 24VAC / 12VDC (590mA)
- Dim (mm): 150 (Dia) x 129



SANYO VDC-D1585VP
External Vandal-Resistant Day/Night Dome Camera

AS VDC-C1575VP But with:

- True Day/Night (IR cut filter)
- 0.05 Lux (BW), 1.0 Lux (Colour)



SANYO VDC-W1595VP
External Vandal-Resistant Wide Dynamic Range Dome Camera

AS VDC-C1575VP But with:

- 1/3" CCD, High Res 480 TVL
- Dual exposure mode - for clear images of high contrast objects



SANYO VDC-C1575VP
External 1/3" CCD, Super High-Resolution Vandal-Resistant Colour Varifocal Dome Camera, 520 TVL

- Tough die-cast aluminium enclosure, IP66
- (2.3x) 2.6 - 6mm AI lens
- 1.0 Lux
- BLC, ATW, AGC
- 3-Axis (wall/ceiling mount)
- 24VAC / 12VDC
- Dim (mm): 140 (Dia) x 92



SANYO VDC-DP7585P
Pan-Focus External 1/3" CCD Super High-Res Vandal-Resistant True Day/Night (ICR) 2.6x Zoom Dome Camera, 520 TVL

- Tough die-cast aluminium enclosure, IP66
- Optical (2.8-7.3mm) Motorized pan-focus AI lens
- Depth of field Focus Range: 1m to infinity
- 0.06 Lux (BW), 1.2 Lux (Col)
- Intelligent Motion Detection, 4 Privacy Masking, Alarm
- 2 mode BLC, ATW, AWC
- 3-Axis (wall/ceiling mount)
- Network/UTP video tx connectivity with board (£option)
- Remote set-up via Coax (VAC-70 (£option))
- 24VAC / 12VDC
- Dim (mm): 162 (Dia) x 115



Award Winning Camera Range



SAMSUNG WDR Vandal Dome



Ultra Low Light: 0.00002 Lux
Ultra High Performance



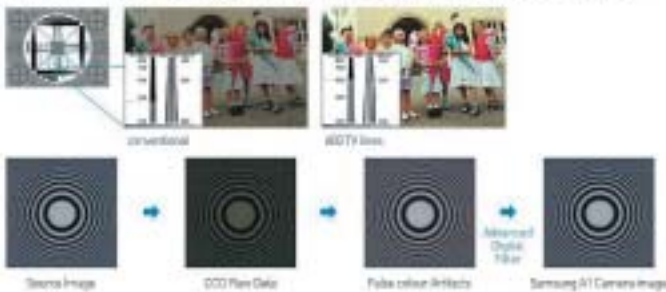
NEW: SAMSUNG SCC-B5399 A1 DSP Technology Ultra High Resolution WDR Day & Night (ICR) External Anti-Vandal Varifocal Dome Camera, 600 TVL

- 1/3" SONY Super-HAD Progressive Scan CCD
- 0.0002 Lux (Sens-Up 512x, Colour)
- 0.00002 Lux (Sens-Up 512x, B/W)
- 2.9~10 mm, Auto Iris Lens
- 3-Axis (wall or ceiling mount)
- Wide Dynamic Range (WDR)
- Virtual Progressive Scan (VPS)
- Motion Adaptive: Digital Noise Reduction (3D+2D)
- Back Light Compensation (Area Setting)
- Advanced Motion Detection
- eXtended Dynamic Range (XDR)
- 12x Privacy Mask (Polygonal Mosaic)
- DIS (Digital Image Stabilization)
- CCVC (Camera Control Via Coax)
- OSD Support
- Intelligent Video Content Analysis: (Moved/Fixed/Fence/Area/Tracking)
- Anti Vandal type: IP66, Surface type
- DC12V / AC24V
- Dim (mm): 150 (Dia) x 121

SAMSUNG A1 Technology Features

Super High Resolution

AI camera technology eliminates false color artifacts (Moiré) by utilizing a special optical low pass filter and is able to resolve a horizontal resolution of 1600 TV lines, by means of 12 Bit A/D serial signal processing coupled with image element enhancement technology. Additionally, the implementation of a 3 line processing algorithm to prevent noise under low illumination applications, directional adaptive filtering and adjustment of aperture gain by luminance level combine to provide a more vivid and clearer image.



Motion Adaptive DNR

The AI DNR (Digital Noise Reduction) function eliminates noise thus generating a distinct and clear image. AI technology utilizes both an adaptive 2D filter reducing noise in the brightness of the image and an adaptive 3D filter reducing noise caused by movement. These filters are combined with DNR technology which is applied to Samsung Electronics CCTV monitors. The result is that AI camera series support Motion Adaptive DNR function that removes noise (Fixed Pattern, Random, etc.) and greatly reduces motion blur.



eXtended Dynamic Range (XDR)

Under strongly backlight or high contrast scenes, cameras generally produce images which reproduce detail in the brighter area of the scene. (Fig.1) Consequently, detail is often lost in the darker areas of the scene. Samsung AI cameras provide XDR technology to increase the level of visible detail in the dark areas, whilst maintaining image clarity and detail in the brighter portions of the image. (Fig.2)



Visual Progressive Scan (VPS)

AI camera models featuring WDR functions generate images using Double Scan CCD technology and these cameras provide VPS (Virtual Progressive Scan) operation which can utilize either Interlaced or Progressive scanning methods. This VPS is unique to Samsung Electronics and ensures the edges of moving objects are clearly defined. Applications for Samsung cameras utilizing this technology include highway and ANPR projects. When used with LCD monitors offering progressive scan operation, Samsung VPS produces visibly superior images to non-VPS cameras. The problems of the blurred edges resulting from delays in even/odd field image scanning, are eliminated when VPS technology is used with a network product (encoder).



Intelligent Video Content Analysis

The Samsung Electronics A1 series of cameras, also provide built-in capability for video content analysis. Operational modes include:



Fence - Provides virtual electronic area (Area mode) and directional line (Line mode) and generates an alarm in the event of a breach of the area or a cross of the directional line.



Polygonal Privacy Mask

Samsung AI technology allows for the user defined setting of a four point polygonal mask, which is overlaid onto the video signal output. The AI privacy mask function interacts with zoom and digital image stabiliser functions, to ensure the mask size remains proportional to the scene. Additionally, the mask settings for hue, brightness and mosaic are user programmable.



Wide Dynamic Range (WDR)

Samsung Electronics A1 camera series achieve WDR by using Dual Shutter (Long/Short) Algorithm for operating a Dual Scan CCD. WDR Block includes FMEI (Fusion of Multi-Exposure Images) and a contrast enhancer. The FMEI circuitry analyzes and merges long and short exposure images to preserve the image detail from both bright and dark portions of the scene. The contrast enhancer sustains the attractive contrast range and expands Dynamic Range up to 128x(NTSC) and 160x(PAL).



Digital Image Stabilisation (DIS)

On Samsung Electronics A1 camera units, the shaking stabilization performance and accuracy have been improved compared to previous models, by using integer sub-pixel compensation technology. DIS uses the motion detection core for stabilizing the image shake from unwanted external vibration like oscillation and wind. Subsequently, by utilizing the digital zoom core, the stabilized image can be produced from a shaking image by getting data which are interpolated as Cubic Spline Interpolation format.



External Day/Night IR Cameras

AVC 907.138Z-IR 1/3"
Sony Super HAD CCD
External Day/Night
15M IR Camera,
500 TVL

- 0 Lux (IR On)
- (up to) 15m Range, 21 IR LED
- 3.6mm Lens
- 12V DC, 290mA (IR On)
- Weatherproof IP67
- Dim (mm): 75 (Dia) x 93



CW Silver Bracket

AVC 910.139Z-IR 1/3" SONY Super
HAD CCD External Day/Night 25M
IR Camera, 520 TVL

- 0 Lux (IR On)
- (up to) 25m Range, 35 IR LED
- 3.6mm Lens
- 12V DC, 340mA
(IR On)
- Weatherproof IP67
- Dim (mm): 75 (Dia) x 142



CW Silver Bracket

NEW: AVC 941IR
1/3" SONY Super
HAD CCD
External Day/Night
Varifocal IR
Camera, 540 TVL

- 0 Lux (IR on)
- (up to) 30m Range,
35 IR LED
- 4-9mm AI Lens
- 12V DC, 500mA (IR on)
- c/w Sunshield & Cable Managed Bracket
- Watertight IP66
- External Adjustment Zoom/Focus
- Dim (mm): 80 (Dia) x 145
- Dual Glass Technology



NEW: L601IR
1/3" SONY
Super HAD CCD
External
Day/Night
Varifocal IR
Camera, 540 TVL

- 0 Lux (IR on)
- (up to) 40m Range,
42 IR LED
- 3.7-12mm AI Lens
- 12V DC, 780mA (IR on)
- c/w Sunshield & Cable Managed
Bracket
- Watertight IP66
- External Adjustment Zoom/Focus
- Dim (mm): 109 (Dia) x 179
- Dual Glass Technology



AVC 815IR
1/3" SONY
Super HAD
CCD Super
High Res
External True
Day/Night (ICR)
Varifocal IR
Camera,
540(Col)/570(BW) TVL

- 0 Lux (IR on)
- (up to) 40m Range, 36 IR LED
- 3.8-9.5mm AI Lens
- 12V DC, 480mA (IR on)
- Dim (mm): 93 (Dia) x 140
- c/w Sunshield & Cable Managed Bracket
- Watertight IP66
- External Adjustment Zoom/Focus
- Dual Glass Technology



SAMSUNG External Day/Night IR Cameras

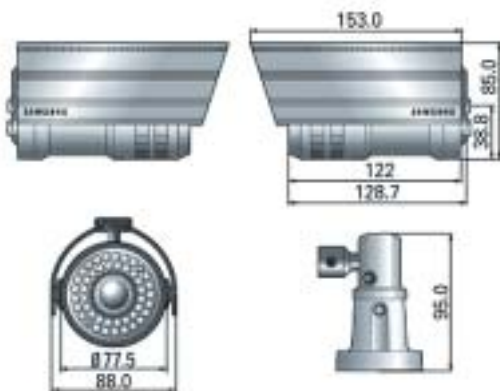


Up to 45m range
3.8-9.5mm Lens
Ultra High Performance



NEW: SAMSUNG SCC-B9372 Super High Resolution External Day & Night Varifocal 45m IR LED Camera, 540(Col)/570(BW) TVL

- 1/3" Super-HAD IT CCD
- (Up to) 45m range
- 0 Lux with IR-LED (42pcs)
- 3.8~9.5mm Auto Iris Lens, (74.2° - 30.0°)
- AGC, BLC, ATW
- Focal length & focus externally adjustable
- Water resistant (IP66)
- AC24V/DC12V: 210mA/650mA (IR LED On)
- Dim(mm): 77.5(Ø) x 129, Weight: 1010g

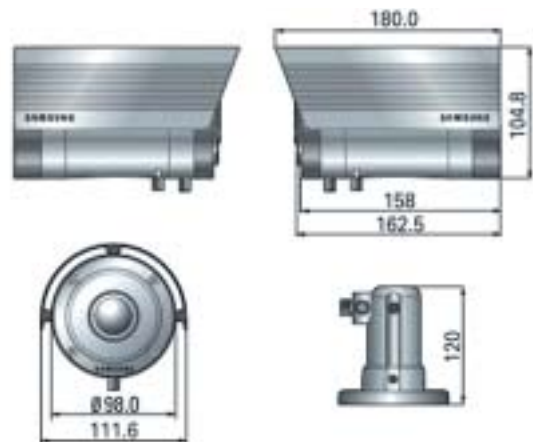


Long Range - Up to 70m
6-50mm Lens
Ultra High Performance



NEW: SAMSUNG SCC-B9373 Super High Resolution External Day & Night Varifocal 70m IR LED Camera, 540(Col)/570(BW) TVL

- 1/3" Super-HAD IT CCD
- Long distance: (Up to) 70m range
- 0 Lux with High Power IR-LED (42pcs)
- 6~50mm Auto Iris Lens, (43.6° - 5.7°)
- AGC, BLC, ATW
- Focal length & focus externally adjustable
- Water resistant (IP66)
- AC24V/DC12V: 210mA/1.2A (IR LED On)
- Dim(mm): 98(Ø) x 162.5, Weight: 2235g
- Dual Glass Technology



Auto Focus Zoom Cameras

A702 1/4" SONY Ex-View HAD CCD True Day/Night (ICR) 35x Auto-Focus Zoom Camera, 520 TVL

- 560x Zoom; 35x Optical (3.6-126mm), 16x Digital
- 0.5 Lux (Colour), 0.1 Lux (Mono)
- Remote Via RS-485/422, PELCO D&P
- 128 Preset Points, OSD, Audio
- 12V DC, 340mA
- Dim (mm): 126 x 64 x 66



(35x) 3.6 - 126mm lens included



Rear View



Option: S407 Wire Remote Controller (for A702)

- 5 keys to control Zoom, Focus and setup menu
- Supplied with 30m cable
- 12V DC, Dim: 65 x 91 x 16



SANYO Auto Focus Zoom Cameras - Colour, Day/Night and Network Options:

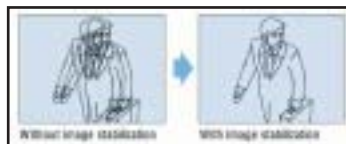
SANYO 1/4" CCD DSP Super High-Res 30 x Auto-Focus Zoom Camera, 540 TVL

- 480x Total Zoom; 30x optical (3.5-105mm), 16x digital
- OSD Menu
- Image Stabilisation (Gyro sensor) - offers clear image even in strong wind or near heavy traffic
- Optical Zoom upon Alarm / Motion
- 8 Zoom presets, 4 Privacy masking
- 24VAC / 12VDC
- Remote set-up via Coax (VAC-70 (£option))
- Dim (mm): 56 x 64 x 150



SANYO Weatherproof 30 x AF Zoom Camera, 540 TVL

- IP66 enclosure, cable managed adjustable arm
- Dim (mm): 141 x 172 x 400



Options:

SANYO VCC-XZ600P Weatherproof Day/Night

SANYO VCC-XZN600P Weatherproof Day/Night Network Camera

Options:

- SANYO VCC-ZM500P Colour
- 0.8 Lux, 3 mode BLC

SANYO VCC-ZM600P Day/Night

- True Day/Night (ICR)
- 0.04 Lux (BW), 0.8 Lux (Col)
- 0.00125 Lux (BW, 32 x Sens. Boost)

SANYO VCC-ZMN600P Day/Night, Network

- H.264 / JPEG dual streaming and COAX video output
- Up to 25 IPS (720 x 576)
- Automatic email of images upon alarm
- 24VAC / 12VDC / PoE
- Internet Explorer access or VA-SW3050LITE viewer

SANYO Network Cameras



SANYO network cameras and network optional board with the latest H.264 compression technology provide the optimum surveillance applications with high quality real time moving image at low bandwidth. Simultaneous stream of H.264 and JPEG data and also COAX video out to provide flexible solution for digital and analogue combined systems.



SANYO VCC-XZ200P Weatherproof Pan-Focus Day/Night, 2.6x Zoom Camera

- Optical (2.8-7.3mm) Motorized pan-focus AI lens
- Depth of field Focus Range: 1m to infinity



Award Winning Camera Range

SANYO Pan-Focus cutting edge technology increases the depth of field - so that everything is in focus at the same time. The award winning Pan-Focus Lens makes it possible to simultaneously capture a clear image of objects in both the background AND foreground!

Speed Dome Cameras



Wall Mount (A Type)

Pendant Mount (B Type)

A80X SERIES: 1/4" SONY Super HAD CCD Super High Res Outdoor Speed Dome, 520 TVL

- 22x optical zoom (3.9-85.8mm Auto Focus Lens)
- 16 x digital zoom
- Zoom Speed: 5 sec, Pan: 360°, Tilt: 0-90°
- Speed: Pan (1- 300°/sec), Tilt (1-200°/sec)
- OSD Support
- 12V DC, 1,083mA (Not supplied)*
- Dim (mm): 220 (Dia) x 233
- Robust Metal Housing, Vandal Res Bubble
- Built-in Heater & Fan, IP66
- Remote Control Via RS-485, PELCO D&P
- 128 Presets, 6 Alarms, 1 Relay
- Sequence: 6, 360° Endless Rotation

Options:

A805 - 22x, Colour

- 0.7 Lux

A806 - 22x, Day/Night

- ICR Cut Filter
- SONY Ex-View HAD CCD
- 0.01 Lux (Mono), 0.5 Lux (Colour)

A807 - 35x, Day/Night

- 35x Optical Zoom
- 560x Total Zoom
- (3.6-126mm AF Lens), 16 x digital zoom

Wall / Pendant / Corner Mount Options:



Corner

Wall

Pendant

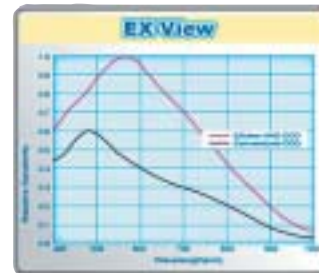
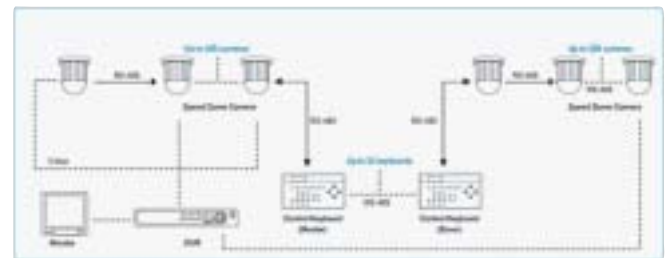
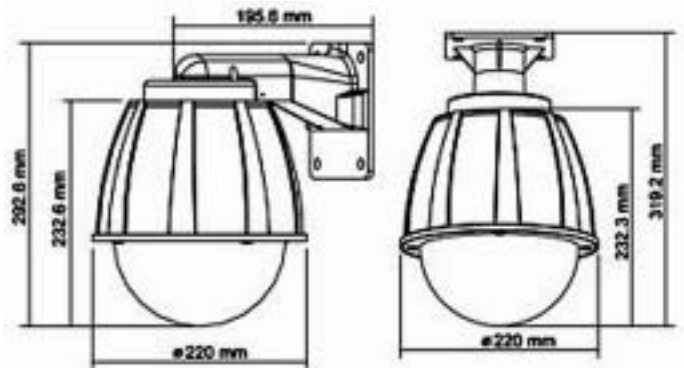
A80XA - Wall Mount Bracket

A80XB - Pendant Mount Bracket

A80XC - Corner Adapter (for use with Wall Bracket)

PSU Option:

*PSU4.2 12V DC Regulated PSU for A80[X] Speed Dome



Control Option:

S406 Joystick Control Keyboard for A80[X]

- 3-Axis Joystick for PTZ
- Support 255 devices
- Remote control by RS-485
- User friendly LCD display
- c/w PSU (12V DC, 167mA)
- Dim (mm): 269 x 190 x 53



SAMSUNG Speed Dome Cameras



10x Optical Zoom [100 x Total Zoom]

NEW: SAMSUNG
 SCC-C7325 Super High
 Resolution 10 x Zoom
 Day & Night (ICR) External Mini-Speed Dome
 Camera, 520(Col)/570(BW) TVL

- 1/4" Super-HAD IT CCD
- 10x (f=3.8~38 mm) Optical Zoom Lens (10x D-Zoom)
- 0.0014 Lux (Col) (Sens-up 128x, Col)
- 0.00014 Lux (BW) (Sens-up 128x, BW)
- True Day/Night (Moving Filter)
- Full Auto focus, Privacy Mask zone (4 Area)
- 360° Endless PAN, 0~180° Tilt
- PAN Speed (Max 360°/sec), Tilt Speed (360°/sec)
- 127 Presets, 8 Auto Pan, 4 Pattern
- OSD Support
- 2 Alarm In, 1 Relay Out
- Vector Driving (Panning/Tilting simultaneously)
- RS485, Multi-Protocol support
- Time & Day Scheduling Function
- Anti-Vandal, IP-66, Sunshield, Heater
- AC24V / DC12V (1,000mA) (not supplied)
- Dim(mm): 200(Ø) x 206, 2.4kg



100x Power Zoom (10x Optical, 10x Digital)

Clear identification for license plates. Thanks to 100x power zoom you can see clearly.



Full Auto Focus Function

The camera supports autofocus mode (AF, ON/OFF/AFL/AFMC/AFS). The AF auto-focus function is suitable in the cases where you provide a clear image every time.



High Resolution (520 TV Lines)

● Enhanced Resolution - 520(Col)/570(BW) TV Lines
 ● The camera achieves the high resolution of 520 TV Lines using the full digital image processing and special algorithm technology.



Day & Night

The moving filter of the camera allows the Day/Night function to identify objects even in case of darkness. The Day/Night function will automatically turn day to night and vice versa in case.



Powerful Digital Noise Reduction (2INR)

The function may partially decrease the rate of the color noise and improve the image.



Privacy Mask Function

If different privacy zones are set up, if you desire to block viewing of specific areas within the camera.



Cold Resistant, Water/Dust Resistant (IP-66)

● Operating Temp. -40C~60C (SCC-C7325 only for using AC24V)
 ● Water/Dust Resistant (IP-66) (SCC-C7325/CC7325 only)
 This camera is suited for severe conditions. Thanks to structure that meets with internal water dust proofing standards.



Multi-Protocol

This camera supports the multi-protocol function and can be controlled by the other company's remote controller. The protocol type is set by the bottom side switch.



360° Endless, Lighting & Smooth Speed Vector Driving (Pan/Tilt moving simultaneously)

Camera supports 360° endless Pan and 180° Tilt (SCC-C7325 model 360° function with very high speed Max 360°/sec)

COMING SOON:



Powerful 43x Optical Zoom [Massive 688x Total Zoom]

SAMSUNG SCC-C7455
 Ultra High Resolution
 WDR 43 x Zoom Day & Night
 (ICR) External Smart Dome
 Camera, 600 TVL

- 43x (f=3.2~138.5mm) Optical Zoom Lens
- 0.00007 Lux (Sens-up x512, BW)
- And much more...



Dome Accessory Options:

NEW: SAMSUNG
 SADT-732WM Wall Mount
 Adaptor (for above)



NEW: SAMSUNG SSC-1000
 System Controller

- Long-range control (Max: 1.2km) through the RS-485 communication
- Up to 128 Dome cameras can be controlled at once
- Multiple system controllers can be used (up to 8 units)
- Multi Protocol (including Pelco D&P), LCD Display
- Dim(mm): 315 x 65 x 205



SANYO Professional High Speed Domes



Model Selector

Select the perfect camera for your application by viewing the options listed in the diagram below.

Optional Accessories

Outdoor type, Indoor Surface type, Indoor In-Ceiling type

DAY NIGHT

Intelligent Switching from Color to B/W (VCC-9800P/9600P)

Optical zoom

Image Stabilization (VCC-9600P/9700P)

Blurring due to vibration of the camera can be electronically removed. It is also possible to correct for blurring only while continuing camera movement such as pan and tilt.

Shaking due to strong wind or traffic vibration

Without image stabilization

With image stabilization

Automatic Tracking (VCC-9800P/9700P)

Cameras feature an image processing algorithm that is capable of detecting moving objects on the screen and tracking an object automatically. When there are multiple movements, the object with the largest degree of movement is tracked. Further settings are available according to the pattern of movement.

- Super High Res **540 TVL**
- High Panning Speed 435 deg / sec
- 28 Preset Points
- Sequence, Tour, Auto: Pan & return modes
- Alarm: 8 In / 2 Out, Intelligent Motion Detection
- Digital auto flip
- Variable speed pan and tilt
- Multi Spot (5 Section) BLC
- Extended Privacy masking (24x)
- Easy on-screen setup
- Multi Protocol, RS485 / Coaxial control
- 24V AC (not supplied)
- Network Board (£option)

Options: *Please specify either: **IN** (Surface Cover), **EM** (In-Ceiling), **EX** (Outdoor Housing), **C** (Clear) or **S** (Smoked)

- SANYO VCC-9500P 30x Colour**
- 480x Total Zoom; 30x Optical (3.5-105mm AF Lens), 16x Digital
 - 0.8 Lux
- VCC-9500 IN / EM C/S P
VCC-9500 EX C/S P

- SANYO VCC-9600P 30x Day/Night**
- True Day/Night (ICR)
 - 0.04 Lux (BW), 0.8 Lux (Col)
 - 0.00125 Lux (B/W, 32 x Sens. boost)
- VCC-9600 IN / EM C/S P
VCC-9600 EX C/S P

- SANYO VCC-9700P 36x Colour, Auto-Tracking**
- 576x Total Zoom; 36x Optical (3.4-122mm AF Lens), 16x Digital
 - 256 Preset Points
 - Image Stabilisation (Gyro sensor) - offers clear image even in strong wind or near heavy traffic
 - Auto-Tracking (image processing algorithm detects and traces (biggest) moving object automatically)
 - Auto-Return (to preset position when no movement detected for a preset duration)
- VCC-9700 IN / EM C/S P
VCC-9700 EX C/S P

- SANYO VCC-9800P 36x Day/Night, Auto-Tracking**
- True Day/Night (ICR)
 - 0.05 Lux (BW), 1.0 Lux (Col)
 - 0.0016 Lux (B/W, 32 x Sens. Boost)
- VCC-9800 IN / EM C/S P
VCC-9800 EX C/S P



Options

Dome Network Options:

- VA-80 LAN Jpeg
- VA-82 LAN Jpeg/H.264

Dome Bracket Options:

- VA-80BP Indoor Pendant Mount
- VA-80BW Wall Mount
- VA-80AC Corner Mount for VA-80BW
- VA-80AP Pole Mount for VA-80BW
- VA-80A Indoor Dome Back Cover
- VA-80AB Swan Neck Bracket Adapter
- SPO1-001 Swan Neck Bracket

SANYO PSU Options for VCC-9X00P

- DA652 AC 24V 1.5A PSU
- DA377 AC 24V 4A PSU

VIDEOSWITCH Professional IR PTZ Domes



Dual

Night Vision (Up to) 100m IR Dual Camera Option Greener: Extremely Energy Efficient AND Reduces Light Pollution

Videoswitch Vi C-MOR Professional IR Domes

- Fully functional PTZ Dome
- IR illumination option (830nm)
- Dual camera option - view & record the whole picture while zooming in - Ideal for town centres, crowd control etc
- Integrated high performance Infrared LEDs
- Full 360° pan and tilt night vision up to 100m
- SONY Colour-Mono Ex-View HAD 1/4" CCD
- High Performance Camera: 460 TVL
- 0.05 Lux (Colour); 0.01 Lux (Mono)
- 18 or 26 optical zoom, 12x digital zoom
- Vandal Resistant Lower Dome & Housing
- Fan & Heater, IP66
- Advanced privacy zooming (24 Zones)
- Presets (256) & multiple tour options (4)
- Telemetry: Videoswitch VXP-4, BBV (coax), PelcoD
- 24V DC, 1.5A (not supplied)
- Manufactured in the UK

CMOR Dome, 830nm IR

Options:

Vi-D118 18:1 zoom

Vi-D126 26:1 zoom

Vi-D118D 18:1 zoom, dual camera

Vi-D126D 26:1 zoom, dual camera



Single



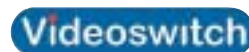
Pendant Mount



Swan-neck

CMOR Dome Options

- Vi-AL1 Alarm module, 16 inputs
 - Vi-B2** Wall Bracket, 3m cable
 - Vi-B3** Pendant Mount, 1000mm, 4m cable
 - Vi-B4** Swan-neck 1020mm, 4m cable
 - Vi-B5 Corner adaptor for Wall Bracket
 - Vi-B6 60-90mm Pole Mount Bracket
 - CMOR-PSU-1 Power supply, IP66, 24V DC
 - CMOR-PSU-2 Dual Camera Dome PSU
- ** Version of bracket, for Dual Camera - please add



Control



- Vi-K2 Joystick Dome Keyboard
- Vi-K3 Joystick Dome Keyboard, Robust Metal Case

VIDEOSWITCH Vi-M Series DVRS



Vi M1

- MPEG4 Compression
- CIF, 2CIF and 4CIF (D1) image quality options
- Removable HDD (SATA)
- Built-in DVD & USB port for backup
- VGA and BNC monitor outputs
- 100 pps
- Audio, Alarms, Motion Detection
- Covert Cameras
- Video Loss and Blind detection
- Digital authentication
- Ethernet
- Double fan cooled for high reliability
- Remote Keyboard Option
- Manufactured in UK
- And much more**

Vi M2

As M1 but with:

- Dual Removable HDD (SATA)
- Up to 200 pps
- Built-in easy to use keyboard
- Triple fan cooled



Vi M3

As M2 but with:

- 12 or 16 camera inputs
- Cascade multiple DVRs for up to 256 cameras and up to Massive 32TB Storage
- Rack Mountable



Vi M4

NEW: Top of the Range M4

As M3 but with:

- 16 camera inputs
- Up to 400 pps

Videoswitch

Models

Vi-M1-4Ch
250Gb
500Gb
750Gb
1Tb

Upgrade options

Vi-M1-8Ch
As above

Vi-M2-8Ch
250Gb
500Gb
750Gb
1Tb
1.5Tb
2Tb

Upgrade options:

Vi-M3-12 Ch
As above
Vi-M3-16 Ch
As above
Vi-M4-16 Ch
As above

Videoswitch Accessories



Vi-K1 Compact
Remote Keyboard

VIDEOSWITCH Vi Series DVRS



Videoswitch top selling: Vi205 "Compact"

- Removable hard drive
- 50 IPS record rate, 720 x 576
- DVD/CDs play back on DVR and PC
- 31 day recording
- Built-in manual - just press HELP key
- Record, Live, Playback, Remote & Backup
- EPOS Till Interface (£Option Vi-POSCON)
- Single channel audio
- Ethernet
- Email and SMS text message alerts
- GPRS (option): Remote viewing via mobile phone
- Alarms, Activity Detection & Coverts
- Digital Authentication
- Manufactured in UK
- Dim (mm): 165 x 200 x 310
- Options: Vi-K1, Vi-K2 Remote keyboard
- And much more**

Models

Vi205-4Ch

250Gb
500Gb
750Gb
1Tb
1.5Tb

Vi205-6Ch

250Gb
500Gb
750Gb
1Tb
1.5Tb

Vi205-10Ch

250Gb
500Gb
750Gb
1Tb
1.5Tb



Vi305 "Streamline"

As Vi205 Compact but with:

- 16 Camera inputs
- Custom mode: Time-lapse rec for up to 5 years
- No audio
- Event log: 10,000,000 alarm, activity & events
- Dim (mm): 355 x 100 x 390

Models

Vi305-16Ch

500Gb
1Tb



Vi405 "Slimline"

As Vi305 Streamline but with:

- 12 or 16 Camera inputs
- Up to 16 Vi405s may be cascaded, to cater for 256 cameras, with up to 32 Tbytes
- 4 independent monitor outputs
- Built-in coax and twisted pair dome control
- Wireless Perimeter PIR Option (x64)
- Audio
- Atomic clock synchronise option (GPS)

Models

Vi405-12Ch

250Gb
500Gb
750Gb

Vi405-16Ch

250Gb
500Gb
750Gb
1Tb
1.5Tb
2Tb

SUMMER PROMOTION



**British designed
British made
British support
British jobs**



Digital Recorders

Professional quality, British-built digital recorders featuring 100pps CIF equivalent update rate, high reliability design and removable drives



Vi205-G500-10
10-cameras, 500Gbytes, 2CIF, DVD, ethernet, supports SATA drive trays

Vi305-G500-16
16-cameras, 500Gbytes, 2CIF, DVD, ethernet, supports SATA drive trays

Vi305-G1000-16
16-cameras, 1000Gbytes, 2CIF, DVD, ethernet, supports SATA drive trays

Vi405-G1000-16
16-cameras, 500Gbytes, 2CIF, DVD, ethernet, 4 independent monitor outputs, cascadeable to 256 cameras, dome control, supports SATA drive trays

Vi405-T2-16
16-cameras, 2000Gbytes, 2CIF, DVD, ethernet, 4 independent monitor outputs, cascadeable to 256 cameras, dome control, supports SATA drive trays

- Videoswitch products include: DVRs, CMOS domes, mini-domes, distribution amplifiers, keyboards, quad processors, software
- On-line ordering for products, spares and accessories now available
- Please see the Videoswitch website and email us for your trade log-in password
- Contact us direct for pricing, spares, servicing, repair and support

www.videoswitch.co.uk

New: Videoswitch Software



Models

VI-VIEWER-PRO Enhanced IP Viewer with Alarm Monitoring

VI-MAP Map based DVR control software

Size Options:

- 16 cameras
- 32 cameras
- 64 cameras
- 128 cameras
- 256 cameras

Vi-GPRS Mobile Phone Remote Viewing

VI-GPRS-WATCH
(Remote live view only)

VI-GPRS-GUARD
(View - live or recorded
- plus control of DVR)

Requires (£) subscription to the Queeps™ service



4 Ch Recording

Great Value DVR's from AV Tech:



AVTECH

**H.264 Compression
D1 (4 CIF) Recording
USB Backup, VGA Output**

NEW: AVC 791 4CH H.264 Network DVR,
USB, VGA

- H.264 Video Compression Technology
- D1 (4 CIF) Recording: 704 x 576 (25 FPS)
- CIF Recording: 352 x 288 (100 IPS)
- Pentaplex: live / record / playback / backup / network
- BNC Out: Main, VGA Out (up to 1600 x 1200)
- 1CH audio recording
- Backup: USB / Network
- Alarms, Motion Detection, 2x Zoom
- Remote Surveillance - up to 20 Simultaneous Users
- IR remote control
- Pre-Alarm Recording (8Mb) & much more...
- Dimensions (mm): 343 x 59 x 223

AVC 791 Options:

(NO HDD)
250Gb
500Gb
750Gb



**H.264 Compression, D1 (4 CIF), VGA - Plus:
DVD Backup
Central Management System -
Remotely Monitor 16 IP Addresses
4 Ch Audio**

NEW: AVC 792D 4CH H.264 Network DVR,
DVD, VGA, as AVC 791 with:

- 4CH audio recording
- Backup: USB / Network / DVD-R
- Easy Playback on PC by Windows Media Player
- Remote Independent Operation
- Central Management System - remotely monitor up to 16 different IP addresses
- E-mail alerts with images
- R.E.T.R. (Remote Event Trigger Recording)
- Pelco-D for speed dome control
- Covert recording
- Watch dog function after network disconnection
- Dimensions (mm): 375 x 61 x 281

AVC 792D Options:

(NO HDD)
250Gb
500Gb
750Gb

High Performance DVR's from SAMSUNG:



**Full D1 (4 CIF) Recording
DVD Backup, VGA
Output 4 Ch Audio
Mouse Support (USB)
3 Year Warranty**



SHR-6042 Options:

250Gb
500Gb
750Gb

NEW: SAMSUNG SHR-6042 4 Ch D1 Resolution DVR

- MPEG-4 compression, D1 resolution (704x576)
- Rec. Real-time on 4 cameras: 100IPS (PAL)
- Supports CIF(S) / Half D1(M) / Full D1(L) recording
- Built in DVD RW (DVD-R,+R,-RW,+RW)
- USB 2.0 (2 ports)
- Simultaneous recording & transmission: dual codec function
- Web based monitoring & search
- BNC output: (1 Main & 1 Spot)
- VGA output: 800 x 600 / 1024 x 768 / 1280 x 1024
- SATA HDD Internal Max 1: (750GB)
- Record: 4 Ch Audio Input / 1 Ch Output
- 4 Alarm in / 2 Out, Motion Detection
- Pre & Post Alarm Recording
- RS-485 Control
- Mouse Support (USB)
- Dim(mm): 215 x 88 x 352

8 & 16 Ch Recording



AVTECH

Great Value DVR's from AV Tech:

M-PEG-4 Compression
D1 (4 CIF) Recording
DVD Backup, VGA Output
Pentaplex
4 Ch Audio

NEW: AVC 756D 8CH MPEG-4 Network DVR, DVD, VGA

- MPEG-4 Video Compression Technology
- D1 (4 CIF) Recording: 704 x 576 (50 FPS)
- CIF Recording: 352 x 288 (200 IPS)
- Pentaplex: live / record / playback / backup / network
- BNC Out: Main, VGA Out
- 4CH audio recording
- Backup: USB / Network / DVD-R
- Remote Surveillance - up to 5 Simultaneous Users
- Alarms, Motion Detection, 2 x Zoom
- Fully Remote Independent Operation
- E-mail alerts with images
- R.E.T.R. (Remote Event Trigger Recording)
- Pelco-D for speed dome control
- Covert recording
- IR remote control
- Pre-Alarm Recording (8Mb) & much more....
- Dimensions (mm): 430 x 65 x 338



NEW: AVC 758D 16CH MPEG-4 Network DVR, DVD, VGA

As AVC 756D but with:

- 16 Ch
- D1 (4 CIF) Recording: 704 x 576 (100 FPS)
- CIF Recording: 352 x 288 (400 IPS)

AVC 756D
8 CH MPEG-4

AVC 758D
16 CH MPEG-4

Options:
(NO HDD)
250Gb
500Gb
750Gb
1Tb
1.5Tb
2Tb



D1 (4 CIF), DVD Backup, VGA,
Pentaplex, 4 Ch Audio - Plus:
H.264 Compression
Central Management System -
Remotely Monitor 16 IP Addresses

NEW: AVC 796D 8CH Real-Time H.264 Network DVR, DVD, VGA

- H.264 Video Compression Technology
- D1 (4 CIF) Recording: 704 x 576 (50 FPS)
- CIF Recording: 352 x 288 (200 IPS)
- Pentaplex: live / record / playback / backup / network
- 8 Ch BNC In / Loop Out
- BNC Out: Main & Call, VGA Out
- 4CH audio recording
- Backup: USB / Network / DVD-R
- Easy Playback on PC by Windows Media Player
- Alarms, Motion Detection, 2 x Zoom
- Remote Independent Operation
- Central Management System - remotely monitor up to 16 different IP addresses
- E-mail alerts with images
- R.E.T.R. (Remote Event Trigger Recording)
- Pelco-D&P for speed dome control
- Covert recording
- IR remote control
- Watch dog function after network disconnection
- Pre-Alarm Recording (8Mb) & much more....
- Dimensions (mm): 432 x 90 x 326



NEW: AVC 798D 16CH Real-Time H.264 Network DVR, DVD, VGA

As AVC 796D but with:

- 16 Ch
- D1 (4 CIF) Recording: 704 x 576 (100 FPS)
- CIF Recording: 352 x 288 (400 IPS)

AVC 796D
8 CH H.264

AVC 798D
16 CH H.264

Options:
(NO HDD)
250Gb
500Gb
750Gb
1Tb
1.5Tb
2Tb

SAMSUNG 8 & 16 Ch Recording



SAMSUNG
ELECTRONICS

High Definition
Real Time DVR

SHR-8080/8082/8160/8162
SHR-7080/7082/7160/7162



High Definition Real Time DVR

High Definition

- High Definition Real Time Recording & Playback
 - SHR 8000 series supports real time recording and playback of Full HD resolution and can store 1080p video up to 24 months of real time recording and playback on hard disk capacity images for both live recording and recorded video.
- CI/Real Time Recording
 - SHR 8000 series comes with CI image acquisition and CI/SD video output. CI enables real time recording.
- High Definition Display with Video Frame
 - SHR 8000 series are equipped with remote video output (HDMI/AV/PC) and can also be connected to external high definition or recording monitor output.

High Definition &
Easy Graphical User Interface

SAMSUNG ELECTRONICS 8Ch / 16Ch Realtime DVR



Backup Search

No.	System	Channel
1	SHR-8080	SHR-8080
2	SHR-8080	SHR-8080

File Name: SHR-8080 Channel 1
Record Period: 2009-07-20 22:00 - 2009-07-20 00:00
Play Start Time: 2009-07-20 00:00

Launcher

Play Back: [Buttons]

PTZ Control: [Buttons]



- High resolution of Full HD Real time recording capability (1920x1080 pixels)
- Excellent searching performance with easy to use user interface
- Smooth video over the network
- Networking and integration capabilities using Sensing central monitoring feature (VCR/CI)
- Intuitive and simple design

SHR-8080/8082/8160/8162
SHR-7080/7082/7160/7162

- CI Real Time Recording (DVR 8000 series)
- CI Real Time Recording (DVR 7000 series)
- 1080i/720p Resolution & 16:9 Audio Balance
- Main Display/Control - Composite, RCA, HDMI
- Programmable Self Monitor Control
- Built-in Key Viewer
- SATA/USB Support (Internal Max. 4TB) / iHD/HD
- AV/F (Samsung Central Monitoring (SCM) Support)
- Quad Output to enhance recording and network transmission

SAMSUNG 8 & 16 Ch Recording



Motion Search



One layer motion-motion search function easily can operate the DVR (Digital) four channels. Finding can be supported for your interest video search screen connected with Motion Search function. When motion and frame rate occur to lock up, the function starts the change for your error for a given period of time.

Searching Preview



Searching for still image before playback and search for backup. For all search results, 100% frame rate display, 1 channel will image before playback. User can easily recognize video frame to play. [Motion Search] + [Lock] + [Back up] + [Full] + [Motion] + [Play]

Easy play Back up during Play Back



When playback back up is possible with 100% frame rate for user can change the playing point and the ending point with playing back.

Easy Back up GUI



Very to use Digital user interface GUI support various back up method for each channel. User selected back up channel and playback time, another GUI automatically set for the playback of the device.

Independent Recording Setting on Each Channel



Record setting for channel quality resolution, record rate and quality on each channel size and influence the settings of other channels.

Back up Log



The administrator can check the time of back up, the amount of back up, the channel of back up, and the back up period.

Additional Features

Mailing Service

Send e-mail information and still image (JPEG) when motion detected or alarm occurred. Still image stored in user's e-mail and text message receiver. Various user configurable message (range of password), HDD partition, power on/off, and video loop.

- Sending Images
 - Motion / Alarm
 - Video Loop
- Sending Text Messages
 - Normal / PC / Start / Stop
 - HDD Full/Full
 - Power On / Off

Admin. / User Function

Administrator user group access and edit the user authority based for each function (Back up / Record / Search / PTZ / Still Image) etc.



[Home up] + [Record view] + [Search] + [PTZ] + [Still view]

Built in HDD Capacity

The built-in HDD capacity of DVR can be checked up to 16 channels depending on the model. 1 TB HDD, a maximum HDD capacity of DVR for SHR-7082/SHR-8162, 800GB up to 16 Ch of 1 TB HDD and for SHR-7082/SHR-8162, up to 16 Ch of 1 TB HDD or the below.



+ SHR-7082: 800 + 16 Ch, 1 TB
+ SHR-8162: 800 + 16 Ch, 1 TB

NET Support

SMARTNET Expert Monitoring Solution

Samsung Electronics' (SML) **NET** supports SHR-7082 series and the smart CCTV systems. For DVRs, up to 200 DVRs can be supported by **NET**.



- Support max. 200 DVRs
- Live View & Play back & E-Mail
- Remote Live View & Play back
- Search On Camera/Event /Time /Alarm
- Control PTZ Camera
- Export/Import to Local PC
- Remote Administration

Web Viewer

Web based Monitoring & Control

Web based video server built in SHR-7082 series can provide access to monitor and control your network digital video products.



High Performance DVR's from SAMSUNG:



NEW: SAMSUNG SHR-7082 8 Ch D1 Resolution DVR, Real-Time DVR, High Definition HDMI Output (1080P)

- MPEG-4 compression, D1 resolution (704x576)
- Rec. Real-time on 8 cameras: 200IPS (PAL)
- Supports CIF(S) / Half D1(M) / Full D1(L) recording
- De-interlacing processor for better picture quality
- Built in DVD R/W (DVD-R,+R,-RW,+RW)
- USB 2.0 (3 ports)
- Mass storage hard disk backup through SATA
- Simultaneous recording & transmission: dual codec function
- Web based monitoring & search
- BNC output: (1 Main & 1 Spot)
- VGA output: 800 x 600 / 1024 x 768 / 1280 x 1024
- HDMI (1080P) enabling superior picture output quality
- HDD Max 5: 2.5TB (500GB x 5)
- Record: 8 Ch Audio Input / 1 Ch Output
- 8 Alarm in / 4 Out, Motion Detection
- Pre & Post Alarm Recording
- RS-485 Control
- Mouse Support (USB)
- Stable system operation: remote diagnosis function
- Dim(mm): 440 x 88 x 430



**Full D1 (4 CIF) Recording
DVD Backup, VGA Output
High Definition HDMI Out (1080p)
8/16 Ch Audio
Mouse Support (USB)**

NEW: SAMSUNG SHR-8162 16 Ch D1 Resolution Real-Time DVR, High Definition HDMI Output (1080P)

As SHR-7082 but with

- Rec. Real-time on 16 cameras: 400IPS (PAL)
- BNC output: (1 Main & 4 Spot)
- Record: 16 Ch Audio Input / 1 Ch Output
- 16 Alarm in / 4 Out, Motion Detection

SHR-7082 8 CH

SHR-8162 16 CH

Options:

- 500Gb
- 1Tb
- 1.5Tb
- 2Tb
- 2.5Tb

SANYO 4 - 16 Ch Recording



2-WAY
NETWORK AUDIO

SANYO DSR-2004 / DSR-2016

- 4 / 16 Ch
- MPEG4
- Max Rec Res 704 x 576
- Record / Playback up to 100 IPS / 200 IPS (DSR-2016)
- 4 Ch audio recording
- 1 HDD Bay / 2 HDD Bay (DSR-2016)
- Remote surveillance and operation via network
- Two-Way audio
- Motion Detection, Pre and Post Alarm Recording
- IR remote control unit and DVR utility software
- Easy Back-up USB 2.0
- (DSR-2016 only): Easy Back-up CD-R/RW
- (DSR-2016 only): Auto Delete Function (1 to 99 days)
- Camera Telemetry Control
- COAX and VGA monitor out
- Alarm: 4 In, 1 Out / 16 In, 4 Out (DSR-2016)
- SMTP - Alarm can trigger an email sent to a preset address
- Dim (mm): 350 x 65 x 260 / 432 x 89 x 349 (DSR-2016)

DSR-2004 4Ch

500Gb
1Tb

DSR-2016 16Ch

500Gb
1Tb
1.5Tb
2Tb

NEW: SANYO DSR-2116

AS DSR-2016 above with:

- DVD-R/W
- COAX & RS485 Telemetry

DSR-2116 16Ch

500Gb
1Tb
1.5Tb
2Tb



**High End - As used by Major Banks
& Rail Networks**
Ultra High Reliability



SANYO DSR-5709PD / DSR-5716PD with DVD/CD Writer

- 9 or 16 Ch
- JPEG2000
- Jog Shuttle
- Includes extension unit for DVD/CD back-up
- Rec Res 720 x 288
- 5 Level Quality, 28 Rec Speed 100 to 0.033 FPS
- 2 x Digital Zoom
- 2 Bay HDD
- Independent Alarm Rec Rate for each channel
- More Detailed Search by: Alarm Thumbnail, Mot Det or Archive Area
- Built-in H-SSP controller with camera telemetry control
- Preset upon Alarm recording
- 2 BNC Monitor out, 1 VGA out
- 2 USB
- Alarm Input: 9 / 16
- Network capability: Live / Playback / Multi-Ch download
- Special 'Region of Interest' feature (ROI)
 - Variable resolution within an image
- Expandable using SANYO VA-EXH External (up to) 4 HDD unit (£option) - POA
- Dim (mm): 420 x 96 x 365
- And much more...

DSR-5709PD 9Ch

500Gb
1Tb
1.5Tb
2Tb

DSR-5716PD 16Ch

500Gb
1Tb
1.5Tb
2Tb



Delivering 40 years of experience makes the SANYO CCTV product range one of the most comprehensive, easy to use and install and reliable in the industry.

SANYO Hybrid Digital/Network Recording




Digital Hard Disk Recorders

Whether you require the highest digital quality, extensive capacity, ultimate flexibility or simply a reliable recording CCTV system, SANYO can provide the right solution.



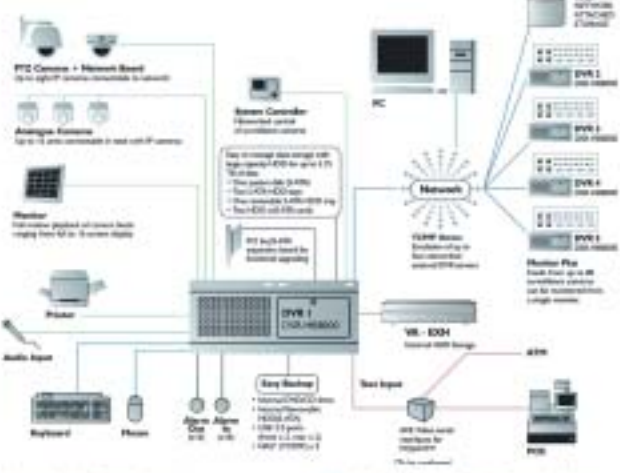
DSR-HB8000
Hybrid Digital Video Recorder

- Monitor Plus enables monitoring of up to 48 cameras
- Camera Coaxial Telemetry Control
- Highest capacity for connection (up to 16 analogue and 8 IP cameras)
- Expandable large capacity HDD for up to 2TB (700GB x 4) including removable drive
- Simultaneous recording and playback
- Low power recording (300 W/20 A)
- Real time recording speeds for high picture quality: 400IPS (360x288), 200IPS (720x288), 100IPS (720x576)
- Versatile full network capability
- VGA Output
- Dim (mm): 431 x 177 x 458
- CPU Intel Pentium® 4, 3.00GHz, RAM 512MB, Operating System: Microsoft Windows® XP Embedded
- Supplied with Keyboard and Mouse
- And much more...



DSR HB8000 Centred Network System

Enables high-quality recording and delivery of streams from up to 16 analogue and IP cameras in real-time



Camera Coaxial Telemetry Control
The DSR-HB8000 allows the user to control PTZ and zoom cameras. The unit forwards IP-SDP signals by overlaying them on to the video signal through a coaxial cable. This makes it possible to control cameras that support coaxial SDSP transmission without any additional video output cables, and also from a SANYO monitor or even a network. In addition, Police and CCTV cameras can also be controlled if they support coaxial signal transmission.

Adaptation of MPEG-4 for high-quality moving pictures
The DSR-HB8000 employs a unique image compression format called MPEG-4, which has been adapted for speedy, high-quality data transmission over a network and special bandwidth and remote playback. The conventional MPEG-4 format can of course also be selected to meet a broad range of needs, including long-term image recording, high-quality audio playback and secure transmission of control signals.

Integrating analogue and IP cameras into a single system

SANYO DSR-HB8000

- Hybrid design for connection of (16 total): up to 16 analogue and up to 8 IP cameras
- Monitor Plus enables monitoring of up to (another 4 units) 80 cameras
- Network PTZ Camera Control
- Camera coaxial telemetry control
- Support NAS (Network Attached Storage)
- Max. 20 network user access
- Network utility software
- Internet explorer access
- Expandable large capacity HDD
- MPEG4
- Simultaneous recording and playback
- Extensive Search Functions
- Internal DVD/CD Drive, USB
- Real-time recording speeds for high picture quality: 400IPS (360x288), 200IPS (720x288), 100IPS (720x576)
- Versatile full network capability
- VGA Output
- Dim (mm): 431 x 177 x 458
- CPU Intel Pentium® 4, 3.00GHz, RAM 512MB, Operating System: Microsoft Windows® XP Embedded
- Supplied with Keyboard and Mouse
- And much more...

DSR-HB8000 16Ch

- 1Tb
- 2Tb
- 3Tb
- 4Tb
- 5Tb

SANYO VMS

NEW: VA-SW50CD Video Management Software (VMS)

- Advanced Single Server Network Recording Software
- 16 Cameras
- 5 Simultaneous Client Connections



VA-SW50CD

NEW: VA-SW60CD Video Management Software (VMS)

- Enterprise Single Server Network Recording Software
- Unlimited Cameras
- Unlimited Client Connections to Multiple Servers

VA-SW60CD

SAMSUNG TFT-LCD Monitor



DNie digital natural image engine

Samsung Electronics' proprietary technology embedded in premium LCD TV to enhance picture quality for the best performance. By utilizing DNie technology, monitors provide enhanced image reproduction quality with optimized color, enhanced contrast and higher resolution. It delivers rich color and crystal clear image for more comfortable viewing and for reducing eye fatigue.

*The Digital Natural Image Engine (DNie) is Samsung's proprietary technology embedded in premium LCD TV to enhance picture quality for the best performance.



3D Motion Adaptive Scan

3D motion adaptive scan feature reduces the jitter that resulted from quickly jerking and tilting, by generating additional frames. Monitors with 3D Motion Adaptive Scan provide crisp and clear image.



Tempered Glass Screen

Monitors with tempered glass screen design tempered glass screen design protects the screen from dirt, repetitive touching or scratching. The screen can be easily cleaned with common cleaning solution such as water alcohol.



PIP (Picture in Picture), PBP (Picture by Picture)

The picture-in picture or picture-by picture capability allows a security manager to view a PC and view a CCTV camera at the same time. It could also allow the manager to always have a video of important business in the corner at all times.



Height Adjustable Stand (VESA)

Samsung Electronics' monitors with HVC feature can be adjusted to user's comfort level. Monitor monitor can be adjusted to your comfort level. Maximize your efficiency with the convenient height adjustable stand.



Imagine the outstanding image quality with super high resolution!

View the complete Samsung product line and your property for the best value for your job. The SMT-1722 provides your security camera with the best image available to ensure that everything is under control at all times.



NEW: SAMSUNG SMT-1722 17" TFT-LCD Monitor, BNC

- Ultra high resolution 620 TVL (PAL)
- SXGA: 1280 x 1024 resolution
- Superior image quality
- DNie (Digital Natural Image Engine)
- 1000:1 High contrast ratio
- 300cd/m2 Brightness, Fast response 5ms
- 2 BNC In/Out, S-Video, VGA Input
- Durable tempered glass screen
- Built-in speakers
- Height adjustable/swivel stand, VESA
- Dim(mm): 371 x 368 x 220



TFT7 7" Widescreen Mini TFT-LCD

- BNC Video In
- 12V DC, 1.2A
- c/w Stand (Desk/Wall mount) & PSU
- Dim (mm): 132 x 202 x 33
- Great for door entry, space saving etc



TFT15.1 15.1" TFT-LCD Entry Level Monitor, BNC

- 1024 x 768
- Contrast 700:1, Brightness 300cd/m2
- BNC Video In/Out, VGA Input, S-Video
- 12V DC, 4.0A, AUDIO
- c/w Desk Stand, PSU & IR Remote Control
- Dim (mm) - Inc Stand: 330 x 348 x 159



SANYO CRT & TFT-LCD Monitors



Over 800 TVL

SANYO VMC-8615FP 15" High Resolution Colour CRT Video Monitor

- More than 800 TV lines
- 2 BNC In/Out, 1 S-VIDEO
- 2 Ch Audio input
- 240 VAC
- Durable metal cabinet (available in White only)
- Dim (mm): 368 x 361 x 376, 15 Kg



SANYO VMC-L7720P 20" Entry Level Colour Video LCD Monitor

- 1024 x 768
- 4:3 XGA LCD Panel
- 700:1 contrast ratio
- 250 cd/m2 brightness
- 1 BNC In/Out
- Supplied with stand
- Dim (mm): 419 x 486 x 181
- 3 Year Warranty



SANYO VMC-L2017P / VMC-L2019P 17" & 19" High Performance, Professional Colour LCD Monitor

- 1280 x 1024 High Res
- 4:3 SXGA LCD Panel
- 1000:1 High contrast ratio
- 300 cd/m2 brightness
- Picture in Picture
- 2 BNC In/Out, 1 S-Video
- 1 VGA input
- 2 Ch audio inputs
- Adjustable Height and Tilt
- IR remote control
- Dim (mm) - Inc Stand: (VMC-L2017P) 371 x 220 x 368
- Dim (mm): (VMC-L2019P) 412 x 220 x 398



Delivering 40 years of experience makes the SANYO CCTV product range one of the most comprehensive, easy to use and install and reliable in the industry.

Monitor Accessories

VGA-2 Composite Video (BNC)
to VGA PC TFT Converter
● PSU (12V DC) (not supplied)



VCONN5 SCART-BNC (for rear of TV)



VCONN6 SCART-PHONO BLOCK
Video, Audio (in/out)



WALL15.1/17 Wall mount,
pan/tilt
● VESA 75 x 75mm



CEILING15.1/17 Ceiling
Mount, pan/tilt
● VESA 75 x 75mm
● Telescopic: 442 to 712mm
● Max Load 15kg



Camera Accessories

INTBKT Internal camera bracket,
plastic



Cable managed

S301-INTBKT-CM Internal Semi
Cable Managed bracket, plastic



S309-EXTBKT-IR
● Upgrade Item - more substantial
wall/ceiling bracket, Metal, Silver



DOME-BKT (Wall mount option for
2-axis domes)
● Sturdy L Shaped Wall Bracket, Metal



S307-EXTBKT S305-EXTBKT
External Bracket for Housing/Camera/Illuminator, 285mm,
Metal, Options: Black or Ivory

4MMFIXED 4mm Fixed iris
lens (2.8mm, 8mm Options)



VAR3.58DD Direct Drive
Auto iris varifocal lens
3.5-8mm

VAR660DD above with 6-60mm

S201 HOUSING External
camera housing, hinged lid
c/w bracket, Metal
Dim (mm): 395 x 145 x 105



Includes bracket

HEATED-DC above with
12V DC Heater (2A+)

HEATED-AC above with 240V AC Heater

S210-HAY-METRO-LV External Heated Camera
Housing, Weatherproof
IP67, 12V DC / 24V AC
Dual Voltage Heater,
(600mA / 400mA)

- Supplied with fully cable managed bracket
- Side opening for ease of installation /maintenance
- Manufactured from die-cast aluminium
- Dim (mm): 405 x 130 x 150



Includes cable managed bracket

HAY-METRO-230 230V Version of above

Option S215-HAY-METRO-C Corner
Wall Bracket
for METRO-LV Housing



HAY-METRO-P Pole Mount Adapter
for METRO-LV Housing
● Suitable for pole sizes Dim (mm): 67-178 (DIA)



S402 External 30-50m High Performance IR
Illuminator

- Ideal for use with IR sensitive cameras
- Or provides extra illumination for IR LED cameras
- 98 Long Life IR LED, 850nm
- (Up to) 30-50M range, 40°
- Built-in Photocell, IP66
- 12V DC, 1000mA (IR On) (Not supplied)
- Requires S305-EXTBKT (Not supplied)
- Dim (mm): 113(DIA) x 183



DVR Accessories

S218-HAY-LDVE Lockable DVR Security Enclosure

Can be used for most of our
DVR's, RaDial Lock with
interlocking hooked cam, Powder Coated Steel Construction,
Vented both sides, Easy Cable access at rear, External
Dim (mm): 540 x 510 x 183, Weight 10.9Kg



AVC 101 Optional Keyboard Controller for easy operation of AVC range of DVR's

- 3D joystick and LCD touch screen design
- Controls up to 64 devices
- RS-485, Supports Multi-protocols
- Password Protection
- Built-in microphone for broadcast function
- c/w PSU (12V DC, 160mA)
- Dim (mm): 380 x 180 x 95



PSU77[X] AVTECH Spare PSU (for AVC 776/777 9/16 Ch DMR), 12V/3A, 8 Pin Mini-DIN Connector

PSU-MPEG4 AVTECH Spare
PSU (for AVC 7XX MPEG-4
Pentaplex Series 4/8/16 Ch DVR), 19V/3.42A



IR-REMOTE / IR-SEN
AERIAL LEAD -
AVTECH Spares
(for AVC 7XX MPEG-4
Pentaplex Series 4/8/16 Ch
DVR)



MANUAL / SOFTWARE - AVTECH Spares
(for AVC 7XX MPEG-4
Pentaplex Series 4/8/16 Ch DVR), Paper/CD

Cable & Connectors

MISC: BNC Connectors

- **order:** [VCONN2 In-line /
VCONN4 Phono (M) /
VCONN6 Phono (F)]



VCONN3 BNC-T

DCLEAD 1.0m DC Lead
Pre Soldered for rear of Camera

**IMPORTANT: "Do not invalidate
your camera warranty by cutting the power lead - please
use me instead!"**



COAX-100 100m Coax video cable,
RG59

VCC1 SHOTGUN-100 100m RG59 +
LV Cable

VCONN1 BNC-Crimp, RG59

CT1 Crimping Tool

For use with COAX100 RG59
Cable & BNC-Crimps



AVC 897 BNC Video Balun Transceiver

Video over CAT5 Cable, High Quality
Image, Outstanding Interference
rejection, Transient Protection, Maximum
Distance 300m (Colour), 600m (BW)



PSUs

12V DC Regulated PSU Options:

PSU300 300mA(0.3A)

PSU1.0 1.0A

PSU1.5 1.5A

PSU2.5 2.5A

PSU5.0 5.0A



S602-5A-BOXED-9WAY CCTV Distributed Power Supply

Input: 240V AC, Output: 12V
DC/9 Output, Supply Current:
5A, Max Amp: 1.1A/Channel,
Individual: PTC fuse / LED
Indicator for each output,
Main Power Switch with Surge Protection,
Switch Power Technology, Regulated and Filtered Outputs,
Mains input lead not supplied, Metal Enclosure (screws shut),
Dim (mm): 245 x 207 x 89



S603-10A-BOXED-16WAY 16 Output Version of above

Input: 240V AC, Output: 12V DC/16 Output,
Supply Current: 10A, Max Amp: 1.1A/Channel

Other featured Accessories

DA652 AC 24V 1.5A PSU
 DA377 AC 24V 4A PSU
 For VCC-9X00P Domes - See page 19

NEW: SANYO VAC-70
 Single Camera Controller - See page 5



NEW: VA-HDC4000
 Hard Drive Caddy for SANYO VCC-HDN4000P

NEW: MHY2200BS
 120Gb Hard Drive for above - See page 9

S407 Wire Remote Controller
(for A702)
 - See page 16



A80XA - Wall Mount Bracket
 A80XB - Pendant Mount Bracket
 A80XC - Corner Adapter
(for Wall Bracket)
 - See page 17

NEW: SAMSUNG SADT-732WM
 Wall Mount Adaptor - See page 18

NEW: SAMSUNG SSC-1000
 System Controller - See page 18



Excellent controllers for an array of installations

SANYO VSP-8500

- Control system supporting SSP devices and multiple protocols
- Support up to 254 cameras, 98 DVR's, 1 Matrix
- Telemetry control (PTZ) via 3-axis joystick and direct keys
- Dim (mm): 280 x 101 x 225



Forms a state-of-the-art security environment

SANYO VSP-9000

As VSP-8500 but with:

- Backlit LCD with integrated touch screen
- Customisation of up to 26 user maps
- 40 freely configurable macro function keys for each map
- 6 Password Level Security
- Dim (mm): 280 x 94 x 225



SANYO Dome Network Options

VA-80 LAN Jpeg
 VA-82 LAN Jpeg/H.264
 - See page 19

SANYO Dome Brackets:

- VA-80BP Indoor Pendant
- VA-80BW Wall
- VA-80AC Corner (for Wall)
- VA-80AP Pole Mount (for Wall)
- VA-80A Indoor Back Cover
- VA-80AB Swan Neck Adapter
- SP01-001 Swan Neck
- See page 19



Videoswitch

CMOR Dome Options

- Vi-AL1 Alarm, 16 inputs
- Vi-B2** Wall, 3m cable
- Vi-B3** Pendant, 1000mm
- Vi-B4** Swan-neck 1020mm
- Vi-B5 Corner (for Wall)
- Vi-B6 60-90mm Pole Mount
- CMOR-PSU-1, IP66, 24V DC
- CMOR-PSU-2 Dual Dome PSU
- ** Version for Dual Camera
- See page 20



Videoswitch Keyboards

- Vi-K1 Compact Remote
- Vi-K2 Joystick Dome
- Vi-K3 Joystick Dome, Robust Metal Case - See page 20&21

New: Videoswitch Software



Models

VI-VIEWER-PRO Enhanced IP Viewer with Alarm Monitoring

VI-MAP Map based DVR control software
 16 cameras
 32 cameras
 64 cameras
 128 cameras
 256 cameras
 - See page 23

VI-GPRS-WATCH (live view)

VI-GPRS-GUARD (control of DVR)
 - See page 23

NEW: SANYO VMS

- See page 29



Video Management Software

NEW: VA-SW50CD Advanced
NEW: VA-SW60CD Enterprise
 Unlimited Cameras/Clients



