

Think GAIA
For Life and the Earth

SANYO

**SANYO,
THE FIRST CHOICE
FOR FULL HD**

Security Video Products 2009-2010



Table Of Contents

HD Network Cameras

NEW VCC-HD2000 Series	4
NEW VDC-HD3000 Series	4
VCC-HD4000	5
NEW VCC-HD4600	5
NEW VCC-HD5400	6
NEW VCC-HD5600	6

Network Cameras

VCC-P7574N	8
VCC-XZ200N	9
VCC-ZM600N	10
VCC-XZ600N	10

Color Cameras

VCC-3944	12
VCC-5884EA	12
VCC-6584DN	13
VCC-6594E	13

Day-Night/Speciality Cameras

VCC-4794E	15
VCC-W8774	15
VCC-WD8874	16
VCC-ZM600	16
VDC-X1500VA Series	17
VCC-W1072	17

Color Mini Dome Cameras

VCC-9684VA	19
------------	----

Pan-Focus Cameras

VCC-XZ200/S	20
VCC-P6784	20

Table of Contents

PTZ System Cameras

VCC-9X00 Series	22
VA-80LAN / VA-82LAN	23

Black & White Cameras

VCB-3384	25
VCB-3454	25

System Controllers

VSP-9000	27
VSP-8500	27
VSP-3000	27

Software Applications

Video Pilot	28
-------------	----

Digital Video Recorders

DSR-HB8000	29
NEW DSR-2108	30
NEW DSR-2116	30

Monitors

NEW VMC-L2617	32
NEW VMC-L2619	32

Accessories

Housing Accessories	33
NEW Lenses	34
Camera Accessories	35
Multi-Camera Power Supplies	35
LCD Monitor Brackets	35
S-ATA HDD Converter	35

HD Network Cameras

VCC-HD2000 Series

Full HD 1080p Network Camera



- Full HD 1080p Network Cameras
- True Day/Night Network (2300 and 2500 only)
- 1920x1080 Progressive Scan at Full 30ips
- Up to 4 Megapixel Resolution
- Monitor Out for Simple Installation and Setup
- Multi Streaming Capability
- Focus Assist Drive for Always-in-Focus Surveillance
- Dual H/264/MJPEG Codecs
- CS Mount, DC Auto-Iris Supported
- SDHC Card Slot for Edge Storage (2500 only)
- Digital PTZ and Region of Interest Cropping
- Motion Analytics
- Full Duplex Audio - G.711 (2500 only)
- 3Year Warranty

VDC-HD3000 Series

Full HD 1080p Vandal Dome Camera



- Full HD 1080p Network Cameras
- True Day/Night Network (3300 and 3500 only)
- 1920x1080 Progressive Scan at Full 30ips
- Up to 4 Megapixel Resolution
- Focus Assist for Always-in-Focus Surveillance
- Dual H/264/MJPEG Codecs
- Extremely Low Profile for Surface Mount Applications
- SDHC Card Slot for Edge Storage (3500 only)
- Digital PTZ and Region of Interest Cropping (3500 only)
- Four Simultaneous Streams with Region of Interest Image Cropping (3500 only)
- Motion Analytics
- Full Duplex Audio - G.711 (3500 only)
- 3Year Warranty

HD Network Cameras

VCC-HD4000

Full HD 1080p Day/Night Network Camera



- Full HD 1080p Day/Night Network Camera
- 1920x1080 Progressive Scan at Full 30ips Frame Rate
- True Day/Night
- Up to 4 Megapixel Resolution
- Integrated Multi-Megapixel Rated 10x Optical Zoom Lens
- 16x Digital Zoom
- Multi Streaming Capability
- Dual H.264/MJPEG Codecs
- Digital PTZ and Region of Interest Cropping
- SDHC Card Slot for Edge Storage
- Motion Analytics
- USB Port for Hard Drive Edge Storage
- HDMI Out for Public View Monitoring
- 3Year Warranty

VCC-HD4600

Full HD 1080p Day/Night Network Camera



- Full HD 1080p Day/Night Network Camera
- 1920x1080 Progressive Scan at Full 30ips Frame Rate
- True Day/Night
- Up to 4 Megapixel Resolution
- Integrated Multi-Megapixel Rated 10x Optical Zoom Lens
- 16x Digital Zoom
- Multi Streaming Capability
- Dual H.264/MJPEG Codecs
- Fall-Duplex Audio (G.711)
- Digital PTZ and Region of Interest Cropping
- Motion Analytics
- SDHC Card Slot for Edge Storage
- HDMI out for Public View Monitoring
- 3Year Warranty

HD Network Cameras

VCC-HD5400

Full HD 1080p Day/Night Pan-Tilt-Zoom Camera



NEW

- Full HD 1080p Pan-Tilt-Zoom Network Camera System
- 1920x1080 Progressive Scan at Full 30ips Frame Rate
- True Day/Night
- 10x Optical Zoom
- 16x Digital Zoom
- 360° Continuous Pan, Tilt -20° to + 200°
- Dual H.264/MJPEG Codecs
- Multi Streaming Capability
- Motion Analytics Including Face Finding and Auto Pursuit
- Multiple Tour and Preset Settings
- Local Recording
- SD Card Slot for Edge Storage
- Full Remote Control and Operation via Web Browser or NVR
- 3Year Warranty

VDC-HD5600

Full HD 1080p Day/Night Pan-Tilt-Zoom Camera



NEW

- Full HD 1080p Pan-Tilt-Zoom Network Camera System
- 1920x1080 Progressive Scan at Full 30ips Frame Rate
- True Day/Night
- 10x Optical Zoom
- 16x Digital Zoom
- 360° Continuous Pan, Tilt -20° to + 200°
- Dual H.264/MJPEG Codecs
- Multi Streaming Capability
- Motion Analytics Including Face Finding and Auto Pursuit
- Multiple Tour and Preset Settings
- Local Recording
- SD Card Slot for Edge Storage
- Full Remote Control and Operation via Web Browser or NVR
- 3Year Warranty

HD Network Cameras

HD Network Cameras

Model No.	Compression	Form Factor	Lens Mount	Imager	Max Resolution	HDMI	USB	SDHC	Audio	Power
VCC-HD2000 Series	H.264/MJPEG	Box	CS	1/3"	4 MP	model 2500	No	model 2500	model 2500	PoE, 24VAC/12VDC
VDC-HD3000 Series	H.264/MJPEG	Fixed Dome	Board	N/A	4 MP	No	No	model 3500	model 3500	PoE, 24VAC/12VDC
VCC-HD4000	H.264/MJPEG	Box	Integrated 10x	N/A	4 MP	Yes	Yes	Yes	No	PoE, 24VAC/12VDC
VCC-HD4600	H.264/MJPEG	Box	Integrated 10x	N/A	4MP	Yes	Yes	Yes	Yes	PoE, 24VAC/12VDC
VCC-HD5400	H.264/MJPEG	PTZ	Integrated 10x	N/A	2 MP	No	Yes	Yes	Yes	24VAC
VCC-HD5600	H.264/MJPEG	PTZ	Integrated 10x	N/A	2 MP	No	Yes	Yes	Yes	24VAC

Network Cameras

PAN-FOCUS

Technology in Perspective

VCC-P7574N

Pan-Focus Network Color Mini Dome Camera



- VCC-P7574N
 - » No PT Operation
- JPEG, PoE, Audio
- 10 Base-T / 100 Base-TX
- 720 x 240 / 640 x 480 / 360 x 240 / 180 x 120 Resolution
- 5 Picture Quality Levels (Basic, Normal, Enhanced, Fine, Superfine)
- Max. 30 IPS (720 x 240)
- TCP, UDP, HTTP, HTTPS, SMTP, NTP, DHCP, FTP, UPnP
- No Focus Adjustments Required
- Built-in 2.6x Motorized Zoom Pan-Focus Lens, f=2.8-7.3mm @ F1.9-3.0
- 1/4" CCD Type High Resolution Color Camera
- Super-High Resolution of 520TV Lines
- Minimum Illumination of 1.9 lux @ F1.9 Color Mode
- Easy Installation, Easy Adjustment and Easy Set-up
- Indoor Mini Dome Design
- Built-in Motion Detection and 4 Privacy Masking Functions
- 24V AC/12V to 15V DC/ PoE
- 3 Year Warranty

PAN-FOCUS
Technology in Perspective

VCC-XZ200N

Pan-Focus Network Day/Night Weatherproof Zoom Camera



- All-In-One Design with Camera, Lens, Housing and Mount
- JPEG Compression
- 10 Base-T / 100 Base-TX
- 720 x 240 / 640 x 480 / 360 x 240 / 180 x 120 Resolution
- 5 Picture Quality Levels (Basic, Normal, Enhanced, Fine, Superfine)
- Max. 30 IPS (720 x 240)
- TCP, UDP, HTTP, HTTPS, SMTP, NTP, DHCP, FTP, UPnP
- No Focus Adjustments Required
- Built-in 2.6x Motorized Zoom Pan-Focus Lens, f=2.8-7.3mm @ F1.9-3.0
- 1/4" CCD Type, Day/Night Camera
- IR Cut Filter Removal System
- Super-High Resolution of 520TV Lines
- Minimum Illumination of 1.2 lux (color mode) and 0.06 lux (b/w mode) @ F1.9
- IP66 Weatherproof Design
- Built-in Motion Detection and Privacy Masking Functions
- Optional VA-50H, 24V AC Heater Board
- 24V AC/12V to 15V DC Dual Power Supply
- 3Year Warranty

Network Cameras



VCC-ZM600N

1/4" Super High Resolution Day/Night Network Zoom Camera



VCC-XZ600N

1/4" Super High Resolution Weatherproof Day/Night Network Zoom Camera

- H.264/JPEG Compression
- 30 IPS
- 10 Base-T / 100 Base-T
- H.264: 720 x 480 / 720 x 240 / 352 x 240 / 176 x 144 Resolution
- 5 Picture Quality Levels
- TCP, UDP, HTTP, HTTPS, SMTP, NTP, DHCP, FTP, UPnP, DDNS
- Super High Resolution - 540TV Lines of Resolution
- Up to 480x Zooming with 30x Optical and 16x Digital Zooming
- Day/Night Function
- Intelligent Motion Detection
- Minimum Illumination of 0.8 lux (color mode) and 0.04 lux (b/w mode)
- Image Stabilizer
- Max. Four Positions of Privacy Masking
- Mirror Image Function
- 2 Alarm Input / 1 Alarm Output
- IP66 Weatherproof Design (VCC-XZ600)
- 24V AC/12V to 15V DC & PoE
- 3Year Warranty

Network Camera Products

Model No.	Enclosure	Lens	Zoom	Image Sensor	Color	B/W	Min. Illumination	Backlight Compensation	Motion Detection	Masking	Pan & Tilt	Network	Power Supply
VCC-P7574N	Mini-Dome	Pan-Focus 2.8-7.3mm	2.6x	1/4" CCD	•	—	1.2 lux (color) 0.06 lux (b/w)	Center/ Multi-Spot	On/Off Motion Zoom	4 Zones	—	JPEG, Audio	12V DC/24V AC PoE
VCC-XZ200N	Weatherproof	Pan-Focus 2.8-7.3mm	2.6x	1/4" CCD	•	•	1.2 lux (color) 0.06 lux (b/w)	Center/ Multi-Spot	On/Off Motion Zoom	4 Zones	—	JPEG	12V DC/24V AC
VCC-ZM600N	Box	Auto Focus 3.5-105mm	Optical 30x Digital 16x	1/4" CCD	•	•	0.8 lux (color) 0.04 lux (b/w)	Center/Multi-Spot/ Mask Setting/Color/B/W	On/Off Motion Zoom	4 Zones	—	H.264, JPEG	12V DC/24V AC PoE
VCC-XZ600N	Weatherproof	Auto Focus 3.5-105mm	Optical 30x Digital 16x	1/4" CCD	•	•	0.8 lux (color) 0.04 lux (b/w)	Center/Multi-Spot/ Mask Setting/Color/B/W	On/Off Motion Zoom	4 Zones	—	H.264, JPEG	12V DC/24V AC PoE

Color Cameras

VCC-3944

1/4" CCD High Performance Color Camera



- More than 350TV Lines of Horizontal Resolution
- Minimum Scene Illumination of 0.09 lux @ F1.2 (normal) and 0.3 lux @ F1.2 (high)
- Dual Power Supply 12V DC/24V AC
- Internal or Line Lock Synchronization
- Electronic Auto Iris (Indoor use)
- Multi-zone/Center-zone Backlight Compensation
- TTL Auto White Balance, Auto-tracking System
- DC Auto Iris Lens Compatible
- Lens Optional
- 3Year Warranty

VCC-5884EA

1/3" High Resolution, Digital "Cube" Color Camera



- Digital Signal Processing Circuit, 540 Lines of Resolution
- High Resolution of 0.05 lux @ F1.2 Lens
- Dual Power Supply 12V DC/24V AC
- Compact Size, Fits in 5" Dome
- Electronic Auto Iris
- Center-zone Backlight Compensation
- DC Type Auto Iris Lenses Applicable
- Switchable AGC On/Off
- Lens Optional
- 3Year Warranty

VCC-6584DN

1/3" Super High Res, 540 Line Color Camera

- Super High Resolution Technology 540 Lines
- Electric Day/Night
- High Sensitivity of 0.35 lux @ F1.2 (color mode) and 0.25 lux @ F1.2 (b/w mode)
- Internal Sync/Line Lock
- Multi-zone/Center-zone Backlight Compensation
- DC Auto Iris
- Electronic Iris
- Dual Power Supply 12V DC/24V AC
- Electronic Shutter 1/60 - 1/10,000
- Lens Optional
- 3Year Warranty



VCC-6594E

1/3" Super High Res, High Sensitivity, DSP Color Camera

- Super High Resolution Technology 540 Lines
- Super High Sensitivity of 0.6 lux @ F1.2 (normal) and 0.3 lux @ F1.2 (gain up)
- Smart Multi-zone Weighted BLC
- Exview™ CCD Technology
- New DSP Circuit
- DC & Video Auto Iris Lens Compatibility
- Internal Sync/Line Lock
- 24V AC
- Lens Optional
- 3Year Warranty



Color Cameras

Color CCD Cameras

Model No.	Lens	Color	B/W	IR Dark	CCD Size	Horizontal Resolution	Min. Illumination	Backlight Compensation	White Balance	Sync	Power Supply
VCC-3944	CS mount	•	—	—	1/4"	350 TVL	0.9 lux (normal) 0.3 lux (high)	• Multi-zone, Center-zone	ATW Manual	Internal Sync Line Lock	12V DC 24V AC
VCC-5884EA Digital Cube Camera	CS mount	•	—	—	1/3"	540 TVL	0.5 lux	• Center-zone	ATW	Internal Sync Line Lock	12V DC 24V AC
VCC-6584DN Super High Resolution	CS mount	• (E - D/N)	—	—	1/3"	540 TVL	0.35 lux (color) 0.25 lux (b/w)	• Multi-zone, Center-zone	ATW Manual	Internal Sync Line Lock	12V DC 24V AC
VCC-6594E Super High Resolution	CS mount	•	—	—	1/3"	540 TVL	0.6 lux (normal) 0.3 lux (gain up)	• Multi-zone, Center-zone	ATW Manual	Internal Sync Line Lock	24V AC

Day-Night/Speciality Cameras

VCC-4794E

540 Line Super High Res, IR Sensitive Day/Night Camera (Color + B&W)



- Over 540 Lines of Resolution
- Minimum Illumination Down to 0.01 lux (b/w mode) and 0.45 lux (color mode) @ F1.2
- Intelligent Light Sensing Mode for Color to B&W Transition or Manual Override
- Multi-zone/Center-zone Blacklight Compensation
- Operates in Infrared Light Spectrum (930 nm)
- Dual Power Supply 12V DC/24V AC Line Lock
- DC Lens Compatible
- Lens Optional
- 3Year Warranty

VCC-W8774

1/3" CMOS Advanced WDR Color Camera



- Progressive Scan 1/3" CMOS with RGB Filter
- Super High Resolution of 550TV Lines
- Advanced Wide Dynamic Technology
- High Sensitivity - 0.8 lux Color Mode @ F1.2 50 IRE
- Built-in Digital Noise Reduction
- Electronic Iris
- Electronic Shutter 1/60 to 1/10,000
- Internal Sync/Line Lock
- 12V DC/24V AC Dual Power Supply
- 3Year Warranty

Day-Night/Speciality Cameras

VCC-WD8874

1/3" CMOS Advanced WDR Day/Night Camera



- Progressive Scan 1/3" CMOS with RGB Filter
- Super High Resolution of 550TV Lines
- Advanced Wide Dynamic Technology
- High Sensitivity - 0.8 lux (color mode) and 0.08 lux (b/w mode) @ F1.2 50 IRE
- True Day/Night Function
- Built-in Digital Noise Reduction
- Electronic Iris
- Electronic Shutter 1/60 to 1/10,000
- Internal Sync/Line Lock
- 12V DC/24V AC Dual Power Operation
- 3Year Warranty

VCC-ZM600

1/4" Super High Res Day/Night Zoom Camera



- Super High Resolution - 540TV Lines of Resolution
- Up to 480x Zooming with 30x Optical and 16x Digital Zooming
- Day/Night Function
- Intelligent Motion Detection
- Minimum Illumination 0.8 lux (color) and 0.04 lux (b/w)
- Image Stabilizer
- Maximum Four Positions of Privacy Masking
- Supports Pelco-C/D
- Mirror Image Function
- 2 Alarm Input /1 Alarm Output
- IP66 Weatherproof Design (VCC-XZ600 Only)
- 24V AC/12V to 15V DC Dual Power Supply
- 3Year Warranty

Day-Night/Speciality Cameras

VDC-X1500VA Series

Vandal Resistant Dome Cameras



- High Resolution
- 2.3x Vari-Focal Lens – 2.6 to 6mm
- 360-Degree Pan/120-Degree Tilt Adjustment
- 3-Axis Angle Adjustment
- IP66 Housing



VDC-W1594VA - Wide Dynamic Range



VDC-D1584VA - Day/Night Function



VDC-C1574VA - Color High Resolution

VCC-W1072

CMOS Super Mini Dome Camera



- Progressive Scan 1/3.3" CMOS
- Wide Dynamic Range Function
- Horizontal Resolution 500TVL (WVGA) and 470TVL (VGA)
- Built-in Fixed Lens (f=3.0mm/F2.0)
- Minimum Illumination 1.0 lux
- Electronic Iris
- 12V DC
- 3Year Warranty

Day-Night/Speciality Cameras

Model No.	Lens	Color	B/W	Image Sensor	Horizontal Resolution	Min. Illumination	Backlight Compensation/Wide Dynamic	White Balance	Sync	Power Supply
Day/Night Cameras										
VCC-4794E	CS mount	•	•	1/4" CCD	540 TVL	color - 0.45 lux b/w - 0.01 lux	Center-zone Multi-zone	ATW/ Manual	Internal Sync Line Lock	12V DC 24V AC
Wide Dynamic Range Cameras										
VCC-W8774	CS mount	•	—	1/3" CMOS	550 TVL	0.8 lux	BLC On/Off Wide Dynamic	ATW / Manual	Internal Sync Line Lock	12V DC 24V AC
VCC-WD8874	CS mount	•	•	1/3" CMOS	550 TVL	color - 0.8 lux b/w - 0.08 lux	BLC On/Off Wide Dynamic	ATW / Manual	Internal Sync Line Lock	12V DC 24V AC
VCC-W1594VA	2.6 - 6.0 mm	•	—	1/4" CCD	480 TVL	1.0 lux	Wide Dynamic	ATW/ ATW-A	Internal Sync Line Lock	12V DC 24V AC
VCC-W1072	3 mm	•	—	1/3" CMOS	500 TVL	1.0 lux	Wide Dynamic	ATW (Fixed)	Internal Sync	12V DC
1/4" Zoom Camera										
VCC-ZM600	30x Integrated	•	•	1/4" CCD	540 TVL	color - 0.08 lux b/w - 0.04 lux	Center-zone Multi-zone	Auto 6-mode Manual R/B Adjust	Internal Sync Line Lock	12V DC 24V AC

Color Mini-Dome Cameras

VCC-9684VA

Color Mini Dome Camera



- Super High Resolution of 540TV Lines
- Minimum Illumination of 0.5 lux @ F0.95
- Built-in 2.9x Varifocal Lens - 2.8 - 8.0mm
- 12V DC/24V AC Dual Power Operation
- UTP Option (VA-T10)
- 3Year Warranty

Pan-Focus Cameras

PAN-FOCUS
Technology in Perspective

VCC-XZ200

Pan-Focus Day/Night Weatherproof Zoom Camera



VCC-XZ200S

Pan-Focus Day/Night Weatherproof Zoom Camera

- All-In-One Design with Camera, Lens, Housing and Mount
- No Focus Adjustments Required
- Built-in 2.6x Motorized Zoom Pan-Focus Lens, $f=2.8-7.3\text{mm}$ (F1.9-3.0)
- 1/4" CCD Type Day/Night Camera
- IR Cut Filter Removal System
- Super-High Horizontal Resolution of 520 TV Lines
- Minimum Illumination of 1.9 lux (color mode) and 0.062 lux (b/w mode) @ F1.9
- IP66 Weatherproof Design
- Built-in Motion Detection and Privacy Masking Functions
- 24V AC/12V to 15V DC Dual Power Supply
- Note: "S" Version has Built-in UTP/RS-485/Coaxial Control Board
- Optional Accessories:
 - » VA-50H (24V AC Heater Board)
 - » VA-50ST (RS-485/UTP Coaxial Control Board)
- Protocols Supported: SANYO SSP, H.SSP, Coax, Pelco-C/D
- 3 Year Warranty

PAN-FOCUS
Technology in Perspective

VCC-P6784

Pan-Focus Color Camera



- No Focus Adjustment Required
- Super High Resolution of More Than 520 TV Lines
- Minimum Illumination of 1.9 lux
- Built-in 2.6x Motorized Zoom Pan-Focus Lens, $f=2.8-7.3\text{mm}$ (F1.9-3.0)
- Built-in Motion Detection Function
- Built-in Privacy Masking Function
- 12V DC/24V AC Dual Power Operation
- 3 Year Warranty

Pan-Focus Cameras

Pan-Focus Cameras												
Model No.	Enclosure	Lens	Zoom	CCD	Color	B/W	Min. Illumination	Backlight Compensation	Motion Detection	Masking	Pan & Tilt	Power Supply
VCC-XZ200	Vandal	Pan-Focus 2.8-7.3mm	2.6x	1/4"	•	•	1.2 lux (color) 0.06 lux (b/w)	Center Multi-Spot	Yes	4 Zones	—	12V DC 24V AC
VCC-XZ200S	Vandal	Pan-Focus 2.8-7.3mm	2.6x	1/4"	•	•	1.2 lux (color) 0.06 lux (b/w)	Center Multi-Spot	Yes	4 Zones	—	12V DC 24V AC
VCC-P6784	Box	Pan-Focus 2.8-7.3mm	2.6x	1/4"	•	—	1.9 lux	Center Multi-Spot	Yes	4 Zones	—	12V DC 24V AC

PTZ System Cameras

In-Ceiling



Indoor



Outdoor



VCC-9X00 Series

Super High Resolution Color PTZ System Cameras

General

- In-Ceiling, Indoor & Outdoor Pendant Versions
- Smoked & Clear Lower Dome Options
- Color & Day/Night Versions
- Minimum Illumination 0.8 lux (color) and 0.04 lux (b/w) @ F1.4
- Optical Zoom 3.5 to 105mm
- 128 Preset Positions
- 3Year Warranty

Super High Resolution More than 540TV Lines

- Maximum 576x Zoom Function (Optical 36x, Electronic 16x)
- Standard Protocols: SANYO, Pelco-D/C
- Mounting Options: Wall, Corner, Pendant Adapter, Pole
- **VCC-9800 Series (Day/Night)**
- 540TVL
- 36x Optical, 16x Digital
- Day/Night Function
- Minimum Illumination 1.0 lux (color) and 0.05 lux (b/w) @ F1.6
- Optical Zoom 3.4 to 122.4mm

VCC-9600 Series (Day/Night)

- 540TVL
- 30x Optical, 16x Digital
- Day/Night Function
- 256 Preset Positions
- Image Stabilization Function
- Auto Tracking Function
- 3Year Warranty

PTZ System Cameras

PTZ

- Four Types of Auto Mode: Sequence, Tour, Auto Pan, Auto Return
- Auto Flip Function
- Mirror Image Function
- Rotation Range
 - » Pan: 360° Endless
 - » Tilt: -5° to 185°
- Pan Speed
 - » Max 435°/sec
 - » 0.1 to 120°/sec Manual
- Tilt Speed
 - » Max 400°/sec
 - » 0.1 to 120°/sec Manual
- Temperature
 - » -10° to 50°C (+14°F to 122°F)
 - » -30° to 50°C (-22°F to 122°F Outdoor)
- 3 Year Warranty

VA-80LAN / VA-82LAN

Optional Network Boards

This optional board for network connection enables VCC-9800, VCC-9700, VCC-9600, and VCC-9500 Series to connect a network. The user can operate a network connected camera using a web browser (Internet Explorer) as well as the Video Pilot Software. VA-80LAN: JPEG, VA-82LAN: JPEG/H.264.

Available Mounts



VA-80AC
Corner Mount Adaptor



VA-80AP
Pole Mount Adaptor



VA-80BP
Pendant Mount



VA-80BW
Wall Mount

PTZ System Cameras

Available in Three Types: Outdoor, Surface or In-Ceiling

The camera is available in three different styles. Assemble them with different fittings and covers to make the camera most suitable for your surveillance needs.



VA-80EX
Outdoor Type



Outdoor housing



VA-84SA

Power supply base



Camera unit

VCC-MC800
VCC-MC700
VCC-MC600
VCC-MC500



VA-CM8C

Clear dome cover for outdoor housing (sold separately)



VA-CM8S

Smoked dome cover for outdoor housing (sold separately)



VA-80F
Surface Type



VA-84SA

Power supply base



Camera unit with clear dome cover (standard). Smoked dome cover VA-CZ80 optional

VCC-MC800
VCC-MC700
VCC-MC600
VCC-MC500



Surface cover



VA-80ME
In-Ceiling Type



In-Ceiling bracket



VA-84SA

Power supply base



Camera unit with clear dome cover (standard). Smoked dome cover VA-CZ80 optional

VCC-MC800
VCC-MC700
VCC-MC600
VCC-MC500



Black & White Cameras

VCB-3384

1/3" CCD High Resolution B & W Camera



- High Sensitivity and High Resolution (over 570 lines)
- Minimum Light Requirement of 0.07 lux @ F1.2 Lens
- Dual Power Supply 12V DC/24V AC
- Line Lock/Ext Sync/Internal Sync
- Electronic Auto Iris
- 1/3" CCD Image Sensor
- Backlight Compensation
- CS Mount Lens
- Built-in Auto Iris Level Control
- DC Type and Video Type Auto Iris Lenses Applicable
- Lens Optional
- 3 Year Warranty

VCB-3454

1/3" CCD High Performance B & W Camera



- More than 400 lines of Resolution
- Minimum Light Requirement of 0.05 lux @ F1.2 Lens
- Dual Power Supply 12V DC/24V AC
- Electronic Auto Iris
- Backlight Compensation
- DC Type and Video Type Auto Iris Lenses Applicable
- CS Mount Lens
- Lens Optional
- 3 Year Warranty

Black & White Cameras

Black & White Cameras

Model No.	Lens	Color	B/W	IR Dark	CCD Size	Horizontal Resolution	Min. Illumination	Backlight Compensation	White Balance	Sync	Power Supply
VCB-3384 High Resolution	CS mount replaceable	—	•	—	1/3"	570 TVL	0.07 lux	• Center-zone	—	External Sync Internal Sync Line Lock	24V AC 12V DC
VCB-3454 High Sensitivity	CS mount replaceable	—	•	—	1/3"	400 TVL	0.05 lux	• Center-zone	—	Line Lock Internal Sync	24V AC 12V DC

System Controllers



VSP-9000

System Controller

- 3 Axis Joystick Control
- Backlit Graphic LCD with Touchscreen
- Supports Multiple Telemetry Protocols
- Control PTZs & DVRs
- Customization of up to 26 User Maps
- 40 Configurable Macrofunction Keys for Each Map



VSP-8500

SSP System Controller

- 3 Axis Joystick Control
- Direct Keys for Camera and DVR Control
- Supports Multiple Telemetry Protocols
- 6 Language Menu on LCD Display



VSP-3000

SSP System Controller

- 3 Axis Joystick Control
- Simple Camera Control and DVR Display Change Available
- 2-line Backlite Menu Display

Software Applications



Video Pilot

Network Video Management and Recording Software

- Video Pilot is a Software Management Platform for SANYO's IP Cameras, Most of the Industry's Standard IP and Megapixel Cameras and Encoders, Several of the Major Video Capture and Card Codecs.
- PC DVR
- Easy to Navigate GUI with:
 - » File Tree Architecture
 - » Multi-screen Configurations
 - » Drag and Drop Camera Placement
 - » Easy Tool Bar for Major Functions
 - » Motion Detection
 - » Digital Zoom
 - » Digital PTZ
- Supports SANYO's PTZs
- Allows PTZ Control of Network PTZ Cameras
- Multifunctional File Tree:
 - » Define IP Cameras/ Video Encoders
 - » Define Analog Cameras Connected to Server Capture Board (PC DVR) or USB Cameras
 - » Define Whether Cameras are Live View as well as Archived
 - » Define Remote Servers
 - » Drag and Drop any Camera on the Tree to the Viewing Screen
- » Create Camera View Pre-sets
- » Archives can also be Accessed Directly
- » Not all Cameras Connected Need to be Archived
- Permissions can be Assigned at the Individual, Group, and Server Levels
- Archive can be Accessed Directly from the File Tree
- Time/Date/Search is Easily Accomplished Through a Scalable Scroll Bar
- Provides User Friendly Wizards and Comprehensive User Management
- Supports from One to an Unlimited Number of Cameras per Server (License Dependent)
- Multiple Clients can be Connected to a Single Server
- Client can be Connected to Multiple Servers
- Server can run a Windows Service
- Video Pilot Consists of two Applications:
 - » The NVR Server
 - » The NVR Client
- Three Versions: » Enterprise Edition » Advanced Edition » Lite Edition

Digital Video Recorders



DSR-HB8000

16-Channel MPEG-4 Hybrid Digital Video Recorder

- Hybrid Design for Connection up to 16 Analog and IP Cameras (IP Cameras: 8 Cameras Max.)
- Live Picture Monitoring (480 IPS/16ch)
- Real-time Recording Speed for High Picture Quality:
 - » 480 IPS (360 x 240)
 - » 240 IPS (720 x 240)
 - » 120 IPS (720 x 480)
- Camera Coaxial Telemetry Control (SANYO / Pelco-C)
- RS-485 Camera Control SANYO / Pelco-C / Vicon / Ultrak / KALATEL / SENSORMATIC
- 1TB, 2TB, 3TB, 4TB and 5TB Internal Storage Capacity
- Recording Schedule Setting
- Recording Condition Settings
- External Alarm Input and Alarm Output Settings
- Alarm Operation Condition Settings
- Monitor Plus Enable Monitoring up to 80 Cameras
- Easy Secure Backup Data, Data can be Saved to the HDD, a CD-R, CD-RW or DVD Using the Onboard CD/DVD Writing Software, or USB Memory Stick Plugged Into a USB Port

Digital Video Recorders



DSR-2108

8 Channel 5th Generation High-Performance Embedded DVR with DVD-R and Network Ethernet

NEW

DSR-2116

16 Channel 5th Generation High-Performance Embedded DVR with DVD-R and Network Ethernet

NEW

- MPEG-4 Recording for Low Bit Rate, High Picture Quality, and Optimal Storage Capability
- 500, 750 GB or 1TB Storage Capacity
- Recording Speed up to 120 IPS
- Camera Recording Rates are Individually Adjustable From 1 to 30 IPS
- Up to 720 x 480 Recording Resolution
- Triplex Capability - Simultaneous Recording, Playback, and Network Monitoring
- Built-in Motion Detection for Alarm Recording
- Built-in DVD-R Drive for Archiving
- LIVE Capture Allows Still Image Output of Live Images
- Easy Search Functions:
 - » Event Search
 - » Time/Date Search
 - » Time Line Search
- PTZ Telemetry Control Capability
- IR Remote Control Included
- Supports Composite and VGA Monitor Outputs
- Two Way Audio Over the Network
- Easy Backup of BMP or JPEG Still Images and AVI Files with USB Memory Stick
- Supports DHCP for Automatic IP Address Assignment
- Also Supports TCP/IP, SMTP & PPPoE
- Supports up to Four Concurrent Network Users
- Auto Recording with Optimum File Size

Digital Video Recorders

Digital Video Recorders

Model No.	Inputs	Recording & HDD Capacity	Recording Speed	Resolution Modes	Embedded/PC	Audio	Ethernet Port	Port/ Media
DSR-HB8000	16	1-5 TB	120ips D1	5 Modes	PC	Yes	Yes	USB CD-R/RW
DSR-2108	8	2 TB	30ips D1	4 Modes	Embedded	Yes	Yes	USB DVD-R
DSR-2116	16	2 TB	60ips D1	5 Modes	Embedded	Yes	Yes	USB DVD-R

Monitors

VMC-L2617

14" Extra High Resolution Color Monitor



NEW

VMC-L2619

High Performance Professional LCD Monitors



NEW

- 17" & 19" Diagonal Screens for Varying Applications
- Bright and Vivid Pictures with 16.7 Million Colors
- Four Scan Types: 1-to-1, Under Scan, Over Scan, Full Scan
- High Visual Acuity
- High Resolution at 500TVL 1280 x 1024 (SXGA)
- High Contrast Ratio at 1000:1
- Wide Angle Viewing (H/V) at 160°/160°
- Picture in Picture (PIP) - Works as a Computer or Video Monitor Simultaneously
- Multiple Display Modes: Video, S-Video, VGA
- NTSC/PAL Auto Recognition
- Slim Lightweight and Portable Design
- Audio I/O
- Universal Power
- One Level Operation in OSD
- 2-Video/2-Audio Inputs
- Remote Controller

Housing Accessories



VSE-2300

3 1/2" x 16" Cylindrical Housing



VSE-2300HB

3 1/2" x 16" Cylindrical Housing
with 24V Heater and Blower



VSE-2400

4 1/2" x 16" Cylindrical Housing



VSE-2400HB

4 1/2" x 16" Cylindrical Housing
with 24V Heater and Blower

VSE-6300DSB

6" Fixed Dome
Housing, Smoked,
In-Ceiling, Black
Trim Ring



VSE-6300DSW

6" Fixed Dome
Housing, Smoked,
In-Ceiling, White
Trim Ring



Accessories



- CS Mount
- Standard DC-Auo Iris Connector

Standard Resolution Lenses

SVCL-CS308VM	3.0-8mm Varifocal Lens, F1.0~Close, Manual Iris (1/3" Format, CS Mount)
SVCL-CS308VA	3.0-8mm Varifocal Lens, F1.0~360, Auto Iris DC (1/3" Format, CS Mount)
SVCL-CS2812VM	2.8-12mm Varifocal Lens, F1.4~Close, Manual Iris (1/3" Format, CS Mount)
SVCL-CS2812VA	2.8-12mm Varifocal Lens, F1.4~360, Auto Iris DC (1/3" Format, CS Mount)
SVCL-CS550VM	5.0-50mm Varifocal Lens, F1.4~Close, Manual Iris (1/3" Format, CS Mount)
SVCL-CS550VA	5.0-50mm Varifocal Lens, F1.4~185, Auto Iris DC (1/3" Format, CS Mount)



High Resolution Lenses

NEW

MVCL-CS2806VA	2.8-6mm, DC Auto Iris, F-Stop F1.3, 3 Megapixel, IR Corrected Lens (1/3" Format, CS Mount)
MVCL-CS2812VA	2.8-12mm, DC Auto Iris, F-Stop F1.4, 3 Megapixel Lens (1/3" Format, CS Mount)
MVCL-CS1550VA	15-50mm, DC Auto Iris, F-Stop F1.5, 3 Megapixel Lens (1/3" Format, CS Mount)

Camera Accessories

VAC-70	Coaxial Remote Controller for VCC-XZ200 Series, VDC-DP7500 Series, VCC-P7500 Series, VDC-DP9500 Series, VCC-P9500 Series
VA-50BWA	Wall Mount Bracket and Cap for VDC-DP7500 and VDC-DP9500 Series
VA-50BPA	Pendant Mount Cap for VDC-DP7500 and VDC-DP9500 Series
VC-0450	Dummy Camera for VCC-P7500 Series and VCC-P9500 Series
VA-DK02	In-ceiling Bracket for VDC-DP7500 Series, VCC-P7500 Series, VDC-DP9500 Series, VCC-P9500 Series and VDC-1500 Series

Multi-Camera Power Supplies

VA-PS2440	4 Cameras, 4A (Total) Power Supply, Smart Fuse, Metal Cabinet
VA-PS2416	16 Cameras, 8A (Total) Power Supply, Smart Fuse, Metal Cabinet
VA-PS2416HD	16 Cameras, 16A (Total) Power Supply, Smart Fuse, Metal Cabinet

LCD Monitor Brackets

VA-AWM3	Arm Bracket for LCD Monitors
VA-BWM2	Wall Bracket for LCD Monitors

S-ATA HDD Converter

VZU-SPC1	DSR-3706/3709/3716, DSR-M810/814
VZU-SPC2	DSR-2004



Security Products

21605 Plummer Street

Chatsworth, CA 91311

Toll Free Tel: (888) 893-7403

Toll Free Fax: (888) 818-2597

(818) 998-7322

(818) 717-2716

Technical Support: (888) 66-SANYO

us.sanyo.com/security