

Sub-Section	Page
Cameras344
Network IP Cameras & Accessories354
Camera Lenses355
Monitors357
Camera Housings, Consoles, Racks, Mounts & Brackets359
Power Supplies362
Controls and Integration363
Recording Equipment365
Intrusion Detection367

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Panasonic



speco technologies

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WV-CP280 Series Fixed Color Camera

New high-performance DSP offers superb image quality. 540 lines of horizontal resolution. Adaptive Black Stretch feature transforms shadows and dark areas into natural, crisp images in real time. Minimum illumination of 0.8 lux (0.08 fc) in color mode with optional F1.4 lens.



Part #	Description
WV-CP280	120V AC, 60Hz
WV-CP284	24V AC, 60 Hz or 12V DC

High Performance B/W Camera

1/3-type CCD pick-up element. 570 lines of horizontal resolution. Outstanding 50dB of signal-to-noise ratio provides natural looking images. Minimum scene illumination of 0.08 lux (0.008 fc) at f/1.4. C/CS adjustable lens mount. A vertical digital 2H enhancement and digital aperture correction improves signal strength at the horizontal and vertical edges to provide a crisper image. Advanced digital adaptive backlight compensation (BLC) and electronic light control. Gen-lock capability for system expandability, and a variety of synchronization modes (line-lock, VD2, Internal) are also available.



Part #	Description
WV-BP330	120VAC, 60Hz internal/line-lock/multiplex vertical drive (VD2)
WV-BP332	12VAC, 60Hz internal/VD2
WV-BP334	24VAC, 60Hz internal/line-lock/multiplex vertical drive (VD2)

SDIII Day/Night Color Fixed Camera

Super Dynamic III (SDIII) technology produces exceptional images even in high contrast lighting -- 128x dynamic range. Innovative intelligent features: Auto back focus; Auto image stabilizer; Scene change detection. 540 lines color resolution; 570 lines B/W resolution. Minimum illumination 0.5 lux (0.05 fc) at color, 0.06 lux (0.006 fc) at B/W (F1.2). Adaptive digital noise reduction. Built-in motion detector for system integration.



Part #	Description
WV-CP480	120VAC with line-lock
WV-CP484	24VAC with line-lock; 12VDC

Compact Day/Night Color Camera

Camera measures only 2 5/8"W x 2 7/8"D. Day/Night operation - switches from color to B/W automatically (programmable). Super sensitivity of 1.0 lux (0.1 fc) in color, and 0.15 lux (0.015 fc) in B/W at F1.4 lens (optional). 480 lines of resolution in color, and 570 lines in B/W. Built-in back-light compensation (BLC) mode. 24V AC / 12V DC.



Part # WV-CP254H

Indoor Fixed Camera Packages

CCD type is 1/3". Standard bullet housing. Variety of vari-focal lenses are available.



Part #	Camera Type	Lens
PIC484L2	WV-CP484 Color Day/Night SDIII	2.7-13mm Wide-Angle
PIC484L5	WV-CP484 Color Day/Night SDIII	5-50mm Telephoto
PIC244L2A	WV-CP244EX Color Camera	2.7-13mm Wide-Angle
PIC244L5A	WV-CP244EX Color Camera	5-50mm Telephoto
PIC254L2A	WV-CP254H Day/Night Camera	2.7-13mm Wide-Angle
PIC254L5A	WV-CP254H Day/Night Camera	5-50mm Telephoto

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Weather Proof Outdoor Color Fixed Camera

Self-contained bullet-style outdoor camera with sun-shield. Day/Night operation (480 lines in color/570 in B/W). Wide dynamic range for contrasting lighting conditions. Meets IP66 weatherproof standards. Built-in heater/blower unit. Built-in 8x (5--40mm) vari-focal lens. Versatile mounting bracket included. Built-in motion detection and motion detection LED. Sleek design and easy installation.



Part # WV-CW374

Low Light Fixed Color Camera

1/2-type interline transfer CCD w/infrared sensitivity. Super sensitivity of 0.14 lux (0.014 fc) at f/1.4 in color mode, and 0.01 lux (0.001 fc) at f/1.4 in B/W mode. 480 line horizontal resolution in color; 570 line resolution in B/W (color and B/W switchable). Electronic shutter from 1/60 to 1/10,000 seconds. ELC function enables the use of fixed iris lens for indoor application.



Part #	Description
WV-CL920A	120VAC with line-lock
WV-CL924A	24VAC with line-lock; 12VDC

Unitized Color Dome Camera

510-line horizontal resolution. Minimum illumination of 1 lux (0.1 fc). Electronic shutter from 1/60 (off) to 10,000 seconds. Patrol Learn Function. VD2 lock for roll-free cameras over a single coaxial cable. Cable compensation up to 3000 ft. Up-the-coax camera control. 22x optical zoom lens 10x electronic zoom. Auto pan 32 pre-set positions. Auto focus lens. Alphanumeric character display. Optical SLIP RING system. On-screen set-up menu. 24VAC, 60Hz internal/line-lock/multiplex vertical drive (VD2).



Part # WV-CS574

SDIII Day/Night Color PTZ Dome Camera

Super Dynamic III produces exceptional images even in high contrast lighting --128x Dynamic Range. 30x optical zoom and 10x electronic zoom. 540 lines of horizontal resolution in color, 570 lines in B/W. Innovative intelligent features: Auto tracking; Auto image stabilizer; Scene change detection. Up-the-coax camera control / RS485 camera control. Minimum sensitivity; 0.04 lux (0.004 fc) at B/W or 0.5 lux (0.05 fc) at color imaging (at sensitivity 2x up). Privacy zone masking function. Day/Night operation - switches from color to B/W automatically (programmable). Auto panning function with 256 preset positions. Panning speed of max.300 degrees at preset mode, 0.065 degrees super fine pan control.



Part # WV-CS954

Indoor Dome Camera Packages

For in-ceiling applications. All models also present the exact same outside design, regardless of the inside components.



Part #	Camera Type	CCD Type	Lens
PIC484L2D	WV-CP484 Color Day/Night SDIII	1/3"	2.7-13mm Vari-Focal Wide-Angle
PIC484L5D	WV-CP484 Color Day/Night SDIII	1/3"	5-50mm Vari-Focal Telephoto
PIC254H2DA	WV-CP254 Color Day/Night	1/3"	2.7-13mm Vari-Focal

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Vandal-Proof Color Cameras

Die cast aluminum body withstands severe shocks. 3.5mm thick polycarbonate dome and spring mounted lens. Dust and moisture resistance meets IP66 standards. 2x variable focal lens (3.8 - 8.0mm). High sensitivity in lighting as low as 1 lux (0.1 fc). 480 lines of horizontal resolution. Equipped with Back-Light Compensation (BLC), Aperture Correction and Auto Tracing White Balance (ATW). 24V AC/12V DC.



Part #	Description
WV-CW244F	Flush Mount
WV-CW244S	Surface Mount

Vandal-Proof Mini Color Dome Cameras

SDIII technology eliminates common backlighting problems. New anti-shock auto back focus (ABF) mechanism ensures perfect focus. Day/Night feature automatically or manually switches from color to B/W mode. Minimum illumination of 1.5 lux (0.15 fc) in color, and 0.16 lux (0.016 fc) in B/W. Easy installation with new removable waterproofing attachment. New electrolysis dehumidification device reduces condensation by electrolyzing internal moisture and continuously discharging it outside the camera.



Part #	Description
WV-CW484F	Flush Mount
WV-CW484S	Surface Mount

Outdoor Day/Night Color PTZ Dome Camera

SDIII technology eliminates common backlighting problems. Day/Night operation switches from color to B/W automatically (programmable). Weather-proof camera meets IP66 international standards. All-in-one outdoor unit. 510 lines of horizontal resolution in color, 570 lines in B/W. Delivers B/W images in as little as 0.04 lux (0.004 fc) of illumination. 300x zoom magnification (30x optical - 10x electronic). High speed panning at 400°/sec.



Part # WV-CW964

WV-CF294/284 Series Color Mini Dome Camera

Newly developed DSP provides better image quality. Easy installation with one touch auto back focus feature. Adaptive black stretch technology transforms dark areas into natural, clear images. Day/Night feature automatically or manually switches from color to B/W mode. Minimum illumination intensity of 0.9 lux (0.09 fc) in color mode.



Part #	Description
WV-CF294	Auto Back Focus (ABF), 3.6x variable focal lens
WV-CF284	2x variable focal lens
WV-CF294T	Auto Back Focus (ABF), 3.6x variable focal lens, UTP cable connection
WV-CF284T	2x variable focal lens, UTP cable connection

WV-CW244 Series Vandal Proof Color Camera

High impact resistant 3.5mm thick polycarbonate dome and spring mounted lens. 2x variable focal lens (3.8 - 8.0mm). Meets IP66 standards for dust and moisture. High sensitivity in lighting as low as 1 lux (0.1 fc). 480 lines of horizontal resolution. Three way hinge for easy installation. Available in both flush and surface mount. Optional heater unit for varying temperatures (WV-CW3H). 24V AC / 12V DC.



Part # WV-CW244

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Outdoor, All-in-One PTZ Dome Camera

Advanced auto tracking feature for precise surveillance. New template matching algorithm tracks human subjects accurately. Weather proof environmental structure meets IP66 standards. Built-in fan/heater for temperature changes between -40°F ~ +122°F. New Pixel Based 128x Dynamic Range with area free natural contrast image correction adjusts moment-to-moment changes in contrast to view subjects perfectly. 540 lines of resolution in color mode, 570 lines in B/W. Minimum illumination of 0.5 lux (0.05 fc) in color mode, 0.04 lux (0.004 fc) in B/W. Intelligent features: Auto image stabilizer function for applications where vibration or wind is a concern; Scene change detection sends an alarm when the lens is covered, spray painted, removed, defocused or camera angle is changed; Day/Night operation can be selected to automatically or manually switch from color to B/W; 30x optical zoom lens, plus 10x electronic digital zoom for total zoom capacity of 300x.



Part # WV-CW974

Iris Reader

Non-invasive, simple to configure and easy to use. High speed capture engine with recognition in 0.3 seconds. Dual-mirror configuration makes eye alignment easy. Distance guide indicator informs the user of proper iris capture distance. Flexible system configuration -compatible with standard Wiegand interface. System can be networked or used as stand-alone.

Part # BM-ET200



ICS90 Series Camclosure® Camera System

Full integrated indoor enclosure with camera and lens. Single model for surface mount and recessed ceiling applications. Video service connector for on-site setup. Shipped completely assembled, easy to install. 12 VDC or 24 VAC operation, autosensing. Manual, 3-axis (pan/tilt/rotation) positioning allows adjustment for optimum camera rotation and placement. Housing available in black or white and with smoked or clear dome. Clear dome includes a discreet liner. All color cameras feature digital signal processing. UTP output (twisted pair) models available. Includes 4S adapter plate and three year warranty. Systems are in black, to order white, remove the B from the end of the part number.



Part #	UTP-Unshielded Twisted Pair* (NTSC)	Camera Type	Len/Iris
ICS090B-CR3	ICS090B-CR3T	Color, high resolution	2.9mm
ICS090B-CR3.6	ICS090B-CR3.6T	Color, high resolution	3.6mm
ICS090B-CR6	ICS090B-CR6T	Color, high resolution	6mm
ICS090B-CR8	ICS090B-CR8T	Color, high resolution	8mm
ICS090B-CR12	ICS090B-CR12T	Color, high resolution	12mm
ICS090B-CA3	ICS090B-CA3T	Color, standard resolution	2.9mm
ICS090B-CA3.6	ICS090B-CA3.6T	Color, standard resolution	3.6mm
ICS090B-CA6	ICS090B-CA6T	Color, standard resolution	6mm
ICS090B-CA8	ICS090B-CA8T	Color, standard resolution	8mm
ICS090B-CA12	ICS090B-CA12T	Color, standard resolution	12mm
ICS090B-MA3	ICS090B-MA3T	B-W standard resolution	2.9mm
ICS090B-MA3.6	ICS090B-MA3.6T	B-W standard resolution	3.6
ICS090B-MA6	ICS090B-MA6T	B-W standard resolution	6mm
ICS090B-MA8	ICS090B-MA8T	B-W standard resolution	8mm
ICS090B-MA12	ICS090B-MA12T	B-W standard resolution	12mm

Security/CCTV - Cameras



ICS110 Series Camclosure® Camera System

The ICS110 Series Camclosure® integrated camera system combines an environmental cover, back box, camera, lens, and lower dome into a small, high-security system that is quick and easy to install. Fully-Integrated enclosure with camera and lens. Rugged, high-impact, vandal-resistant, puncture-proof domes and tamper-resistant hardware. Available with DSS LowLight™ technology. Meets NEMA type 4X and IP66 standards. 12 VDC or 24 VAC operation. Low-temperature operation to -50°F (-46°C); De-ices to 25°F (-4°C). Available with smoked or clear dome. NTSC/PAL or EIA/CCIR camera formats. All color cameras feature digital signal processing. Optional pendant mount adapter.



Color High Resolution Camera, Clear Surface Mount Dome

Part #	Lens mm	Lens Type
ICS111-CR3	2.9	Fixed, without iris
ICS111-CR3.6	3.6	Fixed, without iris
ICS111-CR6	6	Fixed, without iris
ICS111-CR8	8	Fixed, without iris
ICS111-CR12	12	Fixed, without iris

Black & White Standard Resolution Camera, Smoked Surface Mount Dome, Fixed Lens without Iris

Part #	Lens mm
ICS110-MA3.6	3.6
ICS110-MA3	3
ICS110-MA6	6
ICS110-MA8	8
ICS110-MA12	12

Black & White Standard Resolution Camera, Clear Surface Mount Dome, Fixed Lens without Iris

Part #	Lens mm
ICS111-MA3	3
ICS111-MA3.6	3.6
ICS111-MA6	6
ICS111-MA8	8
ICS111-MA12	12

Color Standard Resolution Camera, Smoked Surface Mount Dome

Part #	Lens mm	Lens Type
ICS110-CA3	2.9	Fixed, without iris
ICS110-CA3.6	3.6	Fixed, without iris
ICS110-CA6	6	Fixed, without iris
ICS110-CA8	8	Fixed, without iris
ICS110-CA12	12	Fixed, without iris

Color High Resolution Camera, Smoked Surface Mount Dome

Part #	Lens mm	Lens Type
ICS110-CR12	12	Fixed, without iris
ICS110-CR3.6	3.6	Fixed, without iris
ICS110-CR6	6	Fixed, without iris
ICS110-CR3	2.9	Fixed, without iris
ICS110-CR8	8	Fixed, without iris

Color Standard Resolution Camera, Clear Surface Mount Dome

Part #	Lens mm	Lens Type
ICS111-CA3	2.9	Fixed, without iris
ICS111-CA3.6	3.6	Fixed, without iris
ICS111-CA6	6	Fixed, without iris
ICS111-CA8	8	Fixed, without iris
ICS111-CA12	12	Fixed, without iris



ICS210 Series Camclosure® Camera System

The ICS210 Series Camclosure® integrated camera system incorporates a camera and lens package into a small, "wedge" style enclosure. The system is quick and easy to install in a variety of indoor or outdoor applications. Fully-integrated enclosure with camera and lens package. Meets NEMA type 4X and IP66 standards. Rugged, high-impact and vandal-resistant. Mounts to ceiling, wall or corner. Tamper-resistant hardware. Circuitry protected against incorrect jumper placement. Concealed cabling. 12 VDC or 24 VAC operation. Low-temperature operation to -50°F (-46°C); de-ices to -10°F (-23°C). Clear window. NTSC/PAL or EIA/CCIR camera formats. All color cameras feature digital signal processing. Color and black-white cameras available with 2.9 mm, 3.6 mm, 6 mm, 8 mm, or 12 mm fixed focal lenses. Standard and high resolution color cameras available with fixed focal length auto iris lenses. 3-9 mm varifocal lens with auto iris, available with high resolution color camera. AC line lock with all color cameras in 24 VAC operation. Conduit ready (3/4-inch NPT).



Part #	Lens mm	Type
ICS210-CA3	2.9	Fixed, without iris
ICS210-CA3.6	3.6	Fixed, without iris
ICS210-C6A	6	Fixed, auto iris
ICS210-CA8A	8	Fixed, auto iris
ICS210-CA6	6	Fixed, without iris
ICS210-CA12A	12	Fixed, auto iris
ICS210-CA8	8	Fixed, without iris
ICS210-CRV39A	3-9	Varifocal, auto iris
ICS210-CR8A	8	Fixed, auto iris
ICS210-CR3	2.9	Fixed, without iris
ICS210-CR6	6	Fixed, without iris
ICS210-CR12A	12	Fixed, auto iris
ICS210-CR3.6	3.6	Fixed, without iris
ICS210-CR12	12	Fixed, without iris
ICS210-CR6A	6	Fixed, auto iris
ICS210-CR8	8	Fixed, without iris

ICS 300 Series Camclosure™ Camera System

Integrated camera system, indoor/outdoor, wall or ceiling. Fully-integrated enclosure with camera and lens package. Rugged, impact and vandal-resistant. Easy to install. Versatile, aesthetically pleasing "Track Light" design, mounts to wall or ceiling. Tamper-resistant hardware. Concealed cabling. 12 VDC or 24 VAC operation. Low-temperature operation to -50°F (-46°C); de-ices to -10°F (-23°C). Clear window. All color cameras feature digital signal processing. Fixed focal length lenses of 2.9mm, 3.6mm, 6mm, 8mm, or 12mm. Varifocal lenses of 3-6mm or 4-9mm with auto iris, available with high resolution color camera. AC line lock with all color cameras in 24 VAC operation. All lenses, except varifocals, are pre-focused at the factory. Meets NEMA 4X and IP66 standards (when installed). Optional conduit adapter available.



Black and White, Standard Resolution Camera

Part #	Lens/Iris
ICS310-MA12	12mm
ICS310-MA3	3mm
ICS310-MA3.6	3.6mm
ICS310-MA6	6mm
ICS310-MA8	8mm
ICS310-MC12	12mm
ICS310-MC3	3.0mm
ICS310-MC3.6	3.6mm
ICS310-MC6	6mm
ICS310-MC8	8mm

Security/CCTV - Cameras



ICS 300 Series Camclosure™ Camera System (cont.)

Color, High Resolution Camera

Part #	Lens/Iris
ICS310-CR12	12mm
ICS310-CR3	2.9mm
ICS310-CR3.6	3.6mm
ICS310-CR6	6mm
ICS310-CR8	8mm
ICS310-CRV3A	3-6 mm with auto iris

Color, Standard Resolution Camera

Part #	Lens/Iris
ICS310-CA12	12mm
ICS310-CA3	2.9mm
ICS310-CA3.6	3.6mm
ICS310-CA6	6mm
ICS310-CA8	8mm

Spectra III™ SE Series Dome Systems

Premier integrated dome system. Three auto focus, high-resolution integrated camera/optics packages; five back box models. Color/black and white, 80X wide dynamic range, and motion detection (SD53CDW series). Built-in back box memory. Exview HAD CCD



(SD53M22 and SD53C22 series). Window blanking. RJ-45 data power for software update and setup. On-screen compass and tilt display. Multi-language on-screen menus. Password protection. Freeze frame during presets. Seven alarm inputs; 2 programmable auxiliary outputs. Built-in power line surge and lightning protection. Easy to install - quick and simple electrical connections. Indoor/outdoor applications. **Environment dome systems include a heater, fan, and the environment pendant also includes a sun shield. *For PAL and CCIR models add "-X" suffix to end of part number. (Ex. SD53C22-PG-E0-X).

In-Ceiling, Environmental Type, Black Back Box**

Part #	Lower Dome	Type
SD53C22-F-E0	Smoked	22X Color*
SD53C22-F-E1	Clear	22X Color*
SD53CBW-F-E0	Smoked	23X Color/Black and White*
SD53CBW-F-E1	Clear	23X Color/Black and White*
SD53M22-F-E0	Smoked	22X Monochrome*
SD53M22-F-E1	Clear	22X Monochrome*

In-Ceiling, Indoor Type

Part #	Lower Dome	Type
SD53CBW-F0	Smoked	23X Color/Black and White*
SD53CBW-F1	Clear	23X Color/Black and White*
SD53CBW-F2	Chrome	23X Color/Black and White*
SD53CBW-F3	Gold	23X Color/Black and White*
SD53C22-F0	Smoked	22X Color*
SD53C22-F1	Clear	22X Color*
SD53C22-F2	Chrome	22X Color*
SD53C22-F3	Gold	22X Color*
SD53M22-F0	Smoked	22X Monochrome*
SD53M22-F1	Clear	22X Monochrome*
SD53M22-F2	Chrome	22X Monochrome*
SD53M22-F3	Gold	22X Monochrome*



Spectra III™ SE Series Dome Systems (cont.)

Pendant, Environmental Type, Light Gray Back Box**

Part #	Lower Dome	Type
SD53C22-PG-E0	Smoked	22X Color*
SD53C22-PG-E1	Clear	22X Color*
SD53CBW-PG-E0	Smoked	23X Color/Black and White*
SD53CBW-PG-E1	Clear	23X Color/Black and White*
SD53M22-PG-E0	Smoked	22X Monochrome*
SD53M22-PG-E1	Clear	22X Monochrome*

Pendant, Standard Type, Light Gray Back Box

Part #	Lower Dome	Type
SD53C22-PG-0	Smoked	22X Color*
SD53C22-PG-1	Clear	22X Color*
SD53C22-PG-2	Chrome	22X Color*
SD53C22-PG-3	Gold	22X Color*
SD53CBW-PG-0	Smoked	23X Color/Black and White*
SD53CBW-PG-1	Clear	23X Color/Black and White*
SD53CBW-PG-2	Chrome	23X Color/Black and White*
SD53CBW-PG-3	Gold	23X Color/Black and White*
SD53M22-PG-0	Smoked	22X Monochrome*
SD53M22-PG-1	Clear	22X Monochrome*
SD53M22-PG-2	Chrome	22X Monochrome*
SD53M22-PG-3	Gold	22X Monochrome*

Pendant, Standard, Black

Part #	Lower Dome	Type
SD53C22-PB-0	Smoked	22X Color*
SD53C22-PB-1	Clear	22X Color*
SD53C22-PB-2	Chrome	22X Color*
SD53C22-PB-3	Gold	22X Color*
SD53CBW-PB-0	Smoked	23X Color/Black and White*
SD53CBW-PB-1	Clear	23X Color/Black and White*
SD53CBW-PB-2	Chrome	23X Color/Black and White*
SD53CBW-PB-3	Gold	23X Color/Black and White*
SD53M22-PB-0	Smoked	22X Monochrome*
SD53M22-PB-1	Clear	22X Monochrome*
SD53M22-PB-2	Chrome	22X Monochrome*
SD53M22-PB-3	Gold	22X Monochrome*

Surface Mount, Black Back Box

Part #	Lower Dome	Type
SD53C22-SMB-0	Smoked	22X Color*
SD53C22-SMB-1	Clear	22X Color*
SD53C22-SMB-2	Chrome	22X Color*
SD53C22-SMB-3	Gold	22X Color*
SD53CBW-SMB-0	Smoked	23X Color/ Black and White*
SD53CBW-SMB-1	Clear	23X Color/ Black and White*
SD53CBW-SMB-2	Chrome	23X Color/ Black and White*
SD53CBW-SMB-3	Chrome	23X Color/ Black and White*
SD53M22-SMB-0	Smoked	22X Monochrome*
SD53M22-SMB-1	Clear	22X Monochrome*
SD53M22-SMB-2	Chrome	22X Monochrome*
SD53M22-SMB-3	Gold	22X Monochrome*



Spectra III™ SE Series Dome Systems (cont.)

Surface Mount, White Back Box

Part #	Lower Dome	Type
SD53C22-SMW-0	Smoked	22X Color*
SD53C22-SMW-1	Clear	22X Color*
SD53C22-SMW-2	Chrome	22X Color*
SD53C22-SMW-3	Gold	22X Color*
SD53CBW-SMW-0	Smoked	23X Color/Black and White*
SD53CBW-SMW-1	Clear	23X Color/Black and White*
SD53CBW-SMW-2	Chrome	23X Color/Black and White*
SD53CBW-SMW-3	Gold	23X Color/Black and White*
SD53M22-SMW-0	Smoked	22X Monochrome*
SD53M22-SMW-1	Clear	22x Monochrome*
SD53M22-SMW-2	Chrome	22X Monochrome*
SD53M22-SMW-3	Gold	22X Monochrome*

Spectra III™ Series Dome Systems

High-performance integrated dome systems. Auto-focus, high-resolution integrated LowLight™ color camera/optics package. 16X optical and 8X digital zoom (128X total). Zone blanking. RJ-45 data port for software upgrades. On-screen compass and tilt display. Multi-language on-screen menus. Password protection. Integral, auto-sensing, multi-protocol receiver/driver. 5.9-inch acrylic bubble. "Auto Flip" dome rotation. Quick disconnect dome drive. One pattern. Built-in power line surge and lightning protection. Easy to install - quick and simple electrical connections. Indoor/outdoor applications. 16X color. **Environmental dome systems include a heater, fan, and the environmental pendant also includes a sun shield.



In-Ceiling, Environmental**

Part #	Lower Dome
SD53TC-F-E0	Smoked
SD53TC-F-E1	Clear

In-Ceiling, Indoor

Part #	Lower Dome
SD53TC-F0	Smoked
SD53TC-F1	Clear
SD53TC-F2	Chrome
SD53TC-F3	Gold

Pendant, Environmental Type Light Gray Back Box**

Part #	Lower Dome
SD53TC-PG-E0	Smoked
SD53TC-PG-E1	Clear

Pendant, Standard Type, Black Back Box

Part #	Lower Dome
SD53TC-PB-0	Smoked
SD53TC-PB-1	Clear
SD53TC-PB-2	Chrome
SD53TC-PB-3	Gold

Pendant, Standard Type, Light Gray Back Box

Part #	Lower Dome
SD53TC-PG-0	Smoked
SD53TC-PG-1	Clear
SD53TC-PG-2	Chrome
SD53TC-PG-3	Gold



Spectra III™ Series Dome Systems (cont.)

Surface Mount, Black Back Box

Part #	Lower Dome
SD53TC-SMB-0	Smoked
SD53TC-SMB-1	Clear
SD53TC-SMB-2	Chrome
SD53TC-SMB-3	Gold

Surface Mount, White Back Box

Part #	Lower Dome
SD53TC-SMW-0	Smoked
SD53TC-SMW-1	Clear
SD53TC-SMW-2	Chrome
SD53TC-SMW-3	Gold

CC3701H-2 Series Digital CCD Color Camera

Sony SuperHAD™ technology. EDR (Extended Dynamic Range). 1/3-inch format CCD imager. C/CS lens mount. DC/video drive auto iris lens compatibility. 24 VAC / 12 VDC power. Line lock with phase adjust. Automatic gain control (AGC). Backlight compensation. Electronic iris. Horizontal resolution of 480 TV lines. Digital signal processing. Low profile top/bottom mount. Optional integral feedthrough mount.



Part # CC3701H-2

CC3751H-2 Digital CCD Color Camera

LowLight™ DSS technology, 1/3-inch, High res, 480 TVL (NTSC). Five year warranty, parts and labor. Compact body style, shorter overall than most full-featured CCD cameras. C/CS lens mount. 24 VAC/12 VDC power. Line lock with phase adjustment. Backlight compensation. Horizontal resolution of 480 TV lines. For use with direct drive and auto iris lenses or fixed/manual iris lenses. Removable top/bottom mount. Low profile mounting block. Optional integral feedthrough mount.



Part # CC3751H-2

CCC1380H-6 Series Digital CCD Color Camera

Compact body style. 1/3-inch format CCD imager. Digital signal processing. 480 TV lines of resolution. 0.7 Lux sensitivity. CS Lens Mount. Autosensing DC/video drive auto iris. Automatic/manual white balance setting for difficult lighting situations. Selectable AGC, ESC and backlight compensation functions. Flickerless mode. Analog eclipser function. Autosensing power (24 VAC with line lock or 12 VDC with internal synchronization). Internal top/bottom mount.



Part # CCC1380H-6

CC3770H Digital CCD Day/Night Color/B-W Camera

High resolution, digital day/night camera that switches from color to black and white mode, depending on available light. Removable infrared cut filter in color mode and optical low-pass filter in black and white mode ensures optimal image quality. 1/3-inch format CCD imager. 480 TV lines resolution. Features broad spectrum automatic white balance, automatic gain control, electronic shutter control, digital signal processing, automatic backlight compensation, flickerless mode and line lock with phase adjust.



Part # CC3770H-6

Security/CCTV - Cameras



MC3651H-2 Digital CCD Monochrome Camera

LowLight™ Technology. Five year warranty, parts and labor. Made in the USA. Sony EXview HAD CCD™ Technology. Compact body style, shorter overall than most full featured CCD cameras. 1/3-inch format CCD imager. C/CS lens mount. 24 VAC/12 VDC power. Line lock with phase adjustment. AGC function. Backlight compensation. Horizontal resolution of 570 TV lines. For use with direct drive and auto iris lenses or fixed/manual iris lenses. Removable top/bottom mount. Low profile mounting block. Optional integral feedthrough mount.



Part # MC3651H-2

MC3710H Series CCD Monochrome Camera

1/3-Inch format CCD imager. 570 TV lines resolution. 0.07 lux sensitivity. UTP output standard and setup service connector. C/CS lens mount. Autosensing DC/video auto iris drive. Electronic Shutter Control (ESC). Automatic Gain Control (AGC). Phase adjustable line lock. GenLock (external synchronization). Backlight compensation. Internal top/bottom mount. Low-voltage and high-voltage models. Optional integral feedthrough mount. 570 TVL, 24 VAC or 12 VDC, EIA format.



Part # MC3710H-6

CC3710UH Series Digital CCD Color Camera

1/3-inch format CCD imager. Digital signal processing. 540 TV lines resolution. 0.7 lux sensitivity. UTP output standard. Setup service connector. C/CS lens mount. Autosensing DC/video auto iris drive. Electronic shutter control (ESC). Automatic Gain Control (AGC). Broad spectrum automatic white balance. Phase adjustable line lock. Backlight compensation. Internal top/bottom mount. Low voltage and high voltage models. Optional integral feedthrough mount.

Part #	Description
CC3710UH-6	540 TVL, 24-28VAC or 12-36 VDC
CC3710UH-7	540 TVL, 110-240 VAC

PS20 Series Scanner

High reliability: no worn gears to adjust, no chain to lubricate, and no gear head on motor. Scans past 360°, eliminates blind spots. Two year unlimited continuous duty warranty. Auto and random scan operation. Three speed settings. Upright or inverted operation. Indoor/ outdoor applications. Magnetic limit stops microprocessor controlled. Quiet, smooth operation.



Part #	VAC
PS20	120
PS20/230	230
PS20-24	24



Color Indoor Dome Camera with Built-in IR LEDs and Anti-Reflection Technology

A color day/night camera with special shielding to eliminate IR reflections. It is used for indoor ceiling applications to cover the full spectrum of bright light to no light surveillance. This dome camera can be wall or ceiling mounted by using the matching bracket that is included in the box.



Part # VL-648IR



Color Counter Camera

2.9mm lens and 24V AC line locked operation. Allows you to view a person's face by placing an unobtrusive camera at eye level. The base allows for easy horizontal angle adjustment and the camera location inside the housing can be tilted. The cable is located through the base for a more concealed and secure installation. Features WDR (Wide Dynamic Range). Stationary tower. Fixed focal lens for less demanding applications.



Part # TC-24/2.9

Black and White Weatherproof Camera

Fully encased 1/3" black and white CCD weatherproof bullet camera. Adjustable removable sunshield offers protection from the weather and helps blockout sun glare. It has a 0.02 lux rating with 429 line resolution. It features a 3.6mm wide angle lens and electronic shutter. The universal mounting bracket, cable and 12V DC power supply are included.



Part # CVC-128RS

Waterproof Color Bullet Day/Night Camera With IR LEDs

420 line resolution. 1/4" color CCD. 1 lux (LED off), 0 lux (LED on). 3.6mm lens. Automatic gain control. Automatic back lighting. Electronic iris. Electronic shutter speed 1/60 to 1/100,000 second. 12V DC regulated power supply included (UL/CSA Approved). 60' cable (CVC-627 only). 3' cable (CVC-627B and CVC-627W). 12 LEDs, controlled by CDS sensor, 45' range. Housing is waterproof, removable/adjustable sunshield, reflective IR booster.



Part #	Description
CVC-627	Silver
CVC-627W	White
CVC-627B	Black

Color Camera with 268X Zoom & Optional Remote Control

470 line resolution, Super-HAD technology. Built-in 22X optical (12X digital) motorized auto iris zoom lens. Total zoom ratio is 268 Times. Slow Shutter Mode for low light situations. Mechanical IR filter for perfect color to B/W transitions. Minimum illumination to 0.01 Lux (in night mode). Back-light compensation.



Part # CVC-652HZ

Color Vandal Proof IR Dome Camera

420 line resolution and 22 IR LEDs for 65' ranges (depending on scene reflection) in total darkness. Features: 1/3" Sony Super-HAD CCD. IP 67 water resistant/weatherproof. Side control board for easy function adjustments. Innovative method to adjust camera direction. Optional wall, ceiling and junction box adaptors available. Available in white (VL-650IR/W) and silver (VL-650IR/S) housings.



Part # VL-650IR

Black and White Weatherproof Bullet with Sunshield

It is complete with a protective sunshield and features multiple mounting options. 1/3" CCD with a 420 line resolution. Low power consumption and low illumination at 0.02 lux. Built-in electronic iris and electronic shutter with a 3.6mm lens. An adjustable mounting bracket, RCA/BNC adapter, and a 12V DC power supply are included.



Part #	Color
CVC-1700	Black
CVC-1700W	White
CVC-1700BR	Bronze



Security/CCTV - Cameras



Weatherproof Color DSP Bullet Camera w/Varifocal Lens and IR LEDs

4-9mm varifocal lens is suitable for most applications. Extreme weatherproof design is perfect for indoor or outdoor use. 50' IR range for great pictures in low light conditions (depending on scene reflection). Color by day, B/W by night - always get the best possible picture. Mounting bracket included for wall, ceiling or pedestal use.



Part # VL-66

Color Weatherproof Day/Night Camera with External Controls

External lens control of zoom and focus. Split glass technology eliminates IR reflections. Mechanical day/night IR cut filter. Lux level dip switch controls when the camera switches into B/W mode. Dual voltage operation. Built-in heater extends operating range and eliminates condensation. Built-in 25 IR LEDs and CDS sensor. IR range 100 ft.



Part # HT-7815DNV

Intensifier Series Bullet Camera with 4-9mm Auto Iris Lens

Features superhigh resolution of 540 TV lines by using a Sony Double Speed (41000) pixels CCD and can see in the dark. Intensifier: Amplifies and maximizes existing light to generate pictures where other cameras can't. OSD (on screen display) - all camera functions can be controlled using an "Easy to Follow" OSD.



Part # HT-INTB1

Intensifier Series Conventional Camera

Accepts C and CS type lenses. Super BLC/WDR - adjustability for your toughest back lit situations. Intensifier - amplifies and maximizes existing light to generate pictures where others cameras can't. Super high resolution - horizontal resolution of 540 TV lines is achieved by using a Sony Double Speed (410,00) pixels CCD. OSD (on screen display) - all camera functions can be controlled using an "Easy to Follow" OSD.



Part # HT-INTT5

Intensifier Series Dome Camera with 4-9mm Auto Iris Lens

Super BLC/WDR - adjustability for your toughest back lit situations. Intensifier - amplifies and maximizes existing light to generate pictures where other cameras can't. Super high resolution - horizontal resolution of 540 TV lines is achieved by using a Sony Double Speed (410,00) pixels CCD. OSD (on screen display) - all camera functions can be controlled using an "Easy to Follow" OSD.

Part # HT-INDT1

Black and White Conical Pinhole Bullet Camera

Conical (pointed) pinhole lens. Easier to install behind walls and in dropped ceilings. 420 line resolution. 0.05 lux. 1/3" CCD format. 4.3mm conical pinhole lens. Regulated 12V DC power supply (UL & CSA Listed) included. Miniature mount included. Dimensions are 2.25"L x 1"W x 1"H.



Part # CVC-122PH

Economy Black and White Weatherproof Bullet Camera

420 line resolution. 0.02 lux. 1/3" black and white CCD camera. 3.6mm lens. Electronic shutter system. Reg. 12V DC power supply (UL and CSA Listed), cable and mounting bracket included. 2"L x 1"W x 1"H.



Part # CVC-130R



Dome Camera with Smoke Dome Housing

Black and white version has 420 line resolution. 0.02 lux. 1/3" format. 3.6mm lens. Color version has 420 line resolution. .92 lux. 1/4" format. 2.9mm lens. Can be rotated 360°. Tilt angle ±90°. Built-in electronic shutter. Video output/BNC. Color domes have built-in test connectors. Reg. 12V DC power supply (UL and CSA Listed) included. 4" dia. x 2.5"H.



Part #	Description
CVC-645DC	Color version with black housing
CVC-185DC	Black and white version

100% Waterproof B/W Camera 8 Infrared LEDs

420 line resolution. 0 lux (when IR LEDs are active). 8 IR LEDs. 1/3" black and white CCD camera. 3.6mm fixed focus lens. CDS sensors turn IR LEDs on/off. Built-in electronic iris. Max. operating depth is 90 ft. Brass housing construction. Cable, mounting bracket and reg. 12V DC power supply included (UL and CSA Listed). Nitrogen filled to protect internal components.



Part #	Description
CVC-320WP/W	3ft. Cable and white housing
CVC-320WP	60 ft. Cable and black housing

12 VDC/24 VAC Dual Voltage Color Camera

1/3" CCD camera. Internal synchronization and line lock (24V AC mode). C or CS mount lenses. Requires power supply. Accepts a video/DC auto iris lens. Lens sold separately. 5.75"L x 2.5"W x 2.1"H. High resolution, 550 line resolution, 0.50 lux.



Part # CVC-614C

Color Weatherproof Bullet Camera with Sunshield

Features a smaller, more aesthetically pleasing design which blends with a wider range of decor. The electronic shutter allows for perfect pictures in all lighting conditions and the snap-on sunshield can be easily removed allowing the camera to look more "at home" when used indoors. This camera also includes a universal mounting system that mounts on the wall, ceiling or parapet.



Part # CVC-635N

Color Wall Mount Camera with Audio

350 line resolution. 1.0 lux. 1/3" CCD format. 3.6mm. Built-in electronic shutter. Regulated 12V DC power supply included (UL and CSA Listed). Video output: RCA female, includes BNC adapter.



Part # CVC-691AM/W

Color Bullet Camera with Varifocal Auto Iris Lens

H.E.A.T.™ (High End Advanced Technology) camera. Weatherproof. 0.03 lux, F 1.2. 4-9mm auto-iris varifocal lens. Adjustable lens for fine tuning of camera coverage. 1/3" Super-HAD image sensor. Includes regular 12V DC power supply (UL Listed). Cable located in the mount. 6.7"L x 2.7"W x 2.7"H.



Part # CVC-870EX



Miniature Weatherproof Camera with Adjustable Varifocal Lens

Black and White Camera

420 line resolution. 0.02 lux. 1/3" CCD format. 4-9mm manually adjustable varifocal lens. Low power consumption. Electronic shutter system. Reg. 12V DC power supply (UL and CSA Listed) included. 4.5"L x 2"W x 2"H. Cable through the mount for extra security.



Part # CVC-1705

Color Camera

420 line resolution. 1.0 lux. 1/4" CCD format. 4-9mm manually adjustable varifocal lens. Low power consumption. Electronic shutter system. Reg. 12V DC power supply (UL and CSA Listed) included. 4.5"L x 2"W x 2"H. Black case. Cable through the mount for extra security.



Part # CVC-6705

Vandal Resistant Color, Wall/Ceiling Mountable Dome Camera

Operates on 12V DC and VAC with line lock and V-phase in 24 VAC mode. This fully tamperproof dome camera features a unique, internal 3-way bracket that allows either wall or ceiling mounting. It is supplied with a tinted and clear "lined" dome to accommodate a wide range of lighting conditions. The safety strap holds the dome cover in place while making adjustments. It is conduit compatible and fits over a standard 2-gang box. The camera has 480 lines resolution with 1/3" Sony Super HAD advanced image sensor, .03 lux illumination and DC auto iris 4.9mm, F1.6 varifocal lens. 3.3lbs.



Part # CVC-7WMTDV

Miniature Weatherproof Ball Cameras

Black and white version has 420 line resolution. 0.02 lux. 1/3" CCD format. 3.6mm. Color version has 350 line resolution. 1.0 lux. 1/4" CCD format. 3.6mm. Mounting base, additional wedge mount and hardware included. Regular 12V DC power supply (UL and CSA Listed) included. 4"L x 3"W x 3"H.



Part #	Description
CVC-345BC	B/W version and white housing
CVC-570BC	Color version and white housing

Vandal Resistant Dome Cameras

Black and white version has 420 line resolution. 0.02 lux. 1/3" format. 3.6mm lens. Color version has 350 line resolution. 1.0 lux. 1/4" format. 3.6mm lens. Black and white varifocal version has 420 line resolution. 0.02 lux. 1/3" format. 4-9mm varifocal lens. Color varifocal version has 350 line resolution. 1.0 lux. 1/4" format. 4-9mm lens. Ultra high impact dome cover. Heavy duty metal base. Weatherproof. Ceiling mount. Regular 12V DC power supply (UL and CSA Listed) included. Dark grey housing. Available in white housing. - Add /W to the end of the part number.



Part #	Description
CVC-385TP	Black and white version
CVC-3805TP	Black and white varifocal version
CVC-745TP	Color version
CVC-7405TP	Color varifocal version

Day/Night Camera With Mechanical IR Filter

For perfect day/night color. 1/3" interline transfer CCD. NTSC/PAL standard, 2:1 interlace. Internal synchronization and line lock. 580 lines of resolution. Video output level 1Vpp VBS/75ohm. S/N ratio more than 48db (AGC off). Night min. illumination 0.01 lux (at 251RE R1.2 lens). Day min. illumination 0.5 lux (at 251RE F1.2 lens). Electronic iris 1/60 - 1/100,000 sec. Auto white balance 2,500°K - 7,500°K. Line lock range 60Hz ± 1.0Hz. Back light compensation-center weighted zone. C or CS lens mount. Auto iris lens DC drive type / video drive type. 24VAC ± 20% 400ma Max. full isolation. 5"L x 2.4"W x 2"H.



Part # CVC-865DN/24

Weatherproof Wall Mount Camera

Black and white version has 420 line resolution. 0.02 lux. 1/3" CCD camera. 3.6mm lens. Color version has 350 line resolution. 1.0 lux. 1/3" CCD format. 3.6mm lens. 18 gauge stainless steel housing. Built-in electronic shutter. Reg. 12V DC power supply (UL and CSA Listed) and BNC adapter included. Video output: RCA female. 1.75"L x 2.25"W x 2.75"H.



Part #	Description
CVC-85SM	Black and white version
CVC-685SM	Color version

Weatherproof Angle Mount Cameras with Audio

Black and white version has 420 line resolution. 0.02 lux. 1/3" CCD format. 3.6mm lens. Color version has 350 line resolution. 1.0 lux. 1/3" CCD format. 3.6mm lens. Built-in electronic shutter. 18 gauge tamper-resistant stainless steel housing. Reg. 12V DC power supply (UL and CSA Listed) and BNC adapter included. Video output: BNC. 2.5"L x 2.25"W x 2.75"H.



Part #	Description
CVC-95AM	Black and white version/steel
CVC-695AM	Color version/steel

Corner Mount Cameras

Black & white version has 420 line resolution. 0.02 lux. 1/3" CCD format. 3.6mm lens. Color version has 350 line resolution. 1.0 lux. 1/4" CCD format. 3.6mm lens. 90° corner mounting. Built-in electronic shutter. Video output: BNC. Reg. 12V DC power supply (UL & CSA Listed).



Part #	Description
CVC-105CM	Black and white version
CVC-605CM	Color version

Tamper-Resistant Stainless Steel Corner Mount Cameras

Black and white version has 420 line resolution. 0.02 lux. 1/3" CCD format. 3.6mm lens. Color version has 350 line resolution. 1.0 lux. 1/4" CCD format. 2.9mm lens. 90° corner mounting. Built-in electronic shutter. 16 gauge steel face plate. Tamper resistant screws. Reg. 12V DC power supply. Video output: BNC.



Part #	Description
CVC-107CMTP	Black and white version
CVC-607CMTP	Color version

Security/CCTV - Cameras



In-Wall Camera

Black and white version has 420 line resolution. 0.02 lux. 1/3" CCD camera. 3.6mm lens. Color version has 350 line resolution. 1.0 lux. 1/3" CCD camera. 3.6mm lens. Fits into a single gang electrical box (included). Brushed stainless steel face plate. Video output: BNC. 2.75"L x 2.75"W x 4.25"H.



Part #	Description
CVC-75	Black and white version
CVC-675	Color version

Indoor/Outdoor Infrared Illuminators

Emits IR at 840nm. For any night application. Illuminator is housed in heavy duty aluminum. 40 ft. range and 30° horizontal/vertical angle dispersion. Mounting bracket. Power supplies not included. 6.5"L x 3.5"W x 4.5"H.



Part #	Description
IR-200	117V
IR-200/24	24V AC

Corner Mount Camera With IR

420 line resolution. Nine IR LEDs. One CDS sensor. 15' range. 0.02 lux. 1/3" CCD camera. 3.6mm lens. 90° corner mounting. Built-in electronic shutter. 18 gauge stainless steel housing. BNC adapter included. Regulated 12V DC power supply (UL and CSA Listed). Video output: RCA female. 4"L x 9"W x 7"H.



Part #	Description
CVC-108CM/IR	Black and white IR version
CVC-608CM/IR	Color IR version

Ceiling Speaker Camera

Black and white version has 420 line resolution. 0.5 lux. 1/3" CCD format. 3.6mm pinhole lens. Color version has 350 line resolution. 1.0 lux. 1/4" CCD format. 3.6mm pinhole lens. Fully operational speaker. Built-in electronic shutter. Dual cone speaker. Regulated 12V DC power supply (UL and CSA Listed) and BNC female adapter included. Video output: RCA female. 3"L x 13"W x 13"H.



Part #	Description
CVC-235CS	Black and white version
CVC-635CS	Color version

Ceiling Mount Camera Views Sideways or Straight Down

Black and white version has 420 line resolution. 0.3 lux. 1/3" CCD format. 3.6mm lens. Color version has 350 line resolution. 1.0 lux. 1/4" CCD format. 3.6mm lens. Camera views from the side of housing at 45° angle or straight down. Built-in electronic iris. Reg. 12V DC power supply (UL and CSA Listed) included. 1.75"L x 3.4 Dia. Black and white version.



Part # CVC-262SD

Weatherproof Day/Night Bullet Camera

Super HAD Technology. 60 ft. range with LEDs. Split Glass Technology to avoid IR reflections. Video Test Connector for easy installations. Built in heater to expand operating temperatures. Dual voltage.



Part # HT-7715DNU



Clock Cameras

Black and white version has 420 line resolution. 0.02 lux. 1/3" CCD format. 3.6mm lens. Color version has 350 line resolution. 1.0 lux. 1/4" CCD format. 3.6mm lens. Battery powered quartz clock. Built-in electronic shutter. Regulated 12V DC power supply (UL and CSA Listed) included. Video output: BNC. 1.5"L x 11"W x 11"H.



Part #	Description
CVC-285RC	Black and white version
CVC-585RC	Color version

Electrical Box Camera

Small heavy duty outdoor high resolution 1/3" black and white CCD camera. Mounted on a weatherproof electrical box for unobtrusive outdoor surveillance. 12V DC power supply included.



Part #	Housing Color
CVC-330	Bronze
CVC-330/W	White

Outdoor Motion Sensor Security Lights Camera

Black and white version has 420 line resolution. 0.02 lux. 1/3" CCD camera. 3.6mm lens. Color version has 350 line resolution. 1.0 lux. 1/4" CCD camera. 3.6mm lens. Built-in electronic shutter. Bronze or white metal camera housing. Light bulbs not included. Reg. 12V DC power supply (UL and CSA Listed), mounting bracket and wiring harness included. 7"L x 9.75"W x 8.5"H.



Part #	Description
CVC-340LC	Black and white version bronze housing
CVC-340LC/W	Black and white version white housing

Discreet Color Ceiling Mount Camera

Views sideways or straight down. 350 line resolution. 1.0 lux. 1/4" CCD format. 3.6mm lens. Camera views from the side of housing at a 45° angle, or straight down. Built-in electronic iris. Reg. 12V DC power supply (UL & CSA listed) included. 1.75"L x 3.4"Dia. •



Part # VL-562SD

Board Camera in Aluminum Housing

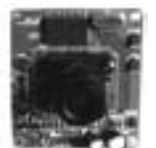
Black and white version has 420 line resolution. 0.02 lux. 1/3" CCD format. Built-in 3.6mm lens. Color version has 350 line resolution. 1.0 lux. 1/3" CCD format. Built-in 3.6mm lens. Cable outputs: Video RCA female/DC power jack. Regulated 12V DC power supply (UL and CSA Listed) included. 1.5"L x 2"W x 3"H.



Part #	Description
CVC-44BC2	Black and white version
CVC-544BC2	Color version

Black and White Mini Board Camera

420 line resolution. 0.02 lux. 1/3" CCD camera. Built-in 3.6mm lens. Electronic shutter system. Cable outputs: Video RCA female/DC power jack. Power supply required (not included). 1"L x 1.75"W x 1.5"H.



Part # CVC-50BC

Security/CCTV - Cameras



Compact Pinhole Black and White Board Camera

420 line resolution. 0.5 lux. 1/3" CCD camera. Built-in 3.6mm pinhole lens. Cable outputs: Video RCA female-DC power jack. Requires 12V DC power supply. 0.50"L x 1.75"W x 1.75"H.

Part # CVC-50PH



Compact Color Board Camera

420 line resolution. .92 lux. 1/4" CCD camera. Built-in 3.6mm lens. Electronic shutter system. Outputs: Video RCA female - DC power jack. Regulated 12V DC power supply (UL Listed) included. 1"L x 1.5"W x 1.5"H.

Part # CVC-521BC



Compact Pinhole Color Board Camera

420 line resolution. .92 lux. 1/4" CCD camera. Built-in 3.6mm pinhole lens. Cable outputs: Video RCA female - DC power jack. Requires 12V DC power supply. 1"L x 1.5"W x 1.5"H.

Part # CVC-521PH



Economy Bullet Camera with IR LEDs

Economy bullet camera in plastic housing with 10 IR LEDs. 420 line resolution. 0.92 lux (IR off)/0 lux (IR on). Regulated 12 Volt DC power supply included.

Part # VL-62



1/3" Color CCD Camera

General purpose color 1/3" format camera. 0.5 lux low light sensitivity. 420 TV lines of horizontal resolution. Auto electronic shutter and auto iris support. Accepts C & Cs mount lenses. Compact and lightweight.

Part # VL-611C



Dual Voltage B/W CCD Camera with Built-In Electronic Iris

420 line resolution. Operates on both 12 VDC/24 VAC. 0.02 lux. 1/3" black and white CCD camera. Internal synchronization. Built-in electronic shutter. Supports both video and DC drive auto iris lenses. Accommodates both C/CS type lenses. Requires 12V DC or 24V AC power supply (not include). 5"L x 2"W x 2"H.

Part # CVC-190



Black and White Extension Speaker Camera

Fully operational speaker. 420 line resolution. 0.02 lux. 1/3" CCD camera. 3.6mm lens. Built-in electronic shutter. Regulated 12V DC power supply (UL Listed) included. Video output: BNC. 2.5" x 4.25"W x 4.25"H.

Part # CVC-225ES



CCTV Camera in PIR Housing Motion Detector

Camera with Working PIR Motion Detector

420 line resolution. 0.5 lux. 1/3" CCD format. 3.6mm lens. Cameras in working PIR housing. Built-in electronic shutter. NO/NC trigger. Reg. 12V DC power supply (UL and CSA Listed) and swivel mount included. 2"L x 2.75"W x 4.75"H.

Part # VL-272PIR



Camera in Non-Working PIR Housing

Black and white version has 420 line resolution. 0.5 lux. 1/3" CCD format. 3.6mm pinhole lens. Color version has 350 line resolution. 1.0 lux. 1/4" CCD format. 3.6mm pinhole lens. Built-in electronic shutter. Reg. 12V DC power supply (UL and CSA Listed) included. Swivel mount included. 2"L x 2.75"W x 4.75"H.

Part #	Description
VL-565PIR	Color version
VL-265PIR	Black and white version

Color Miniature Weatherproof Cameras with Removable Sunshield

350 line resolution. 1.0 lux. 1/4" CCD format. 2.9mm lens. Low power consumption. Built-in electronic iris. Electronic shutter system. Regulated 12V DC power supply (UL & CSA Listed) included. Cable through the mount for extra security. 3.94"L x 1.54"W x 1.38"H.



Part #	Description
CVC-6700BR	Bronze
CVC-6700	Black
CVC-6700W	White

Ceiling Mount Housing with up to 4 Cameras

Black and white version has 420 line resolution. 0.02 lux. 1/3" black and white CCD format. 3.6mm lens. Color version has 350 line resolution. 1.0 lux. 1/4" color CCD format. 2.9mm lens. Built-in electronic shutter. Reg. 12V DC power supply (UL and CSA Listed) per camera and BNC adapter included. Video output: BNC. 6.5"L x 6.5"W x 2.5"H.



Part #	Description
CVC-401CM	One black and white camera
CVC-402CM	Two black and white cameras
CVC-403CM	Three black and white cameras
CVC-404CM	Four black and white cameras



Whether you're upgrading, expanding or just getting started, let us help you find the products you need.



Security/CCTV - Network IP Cameras & Accessories



Outdoor Enclosure with Temperature Control

Weatherproof enclosure protects Network IP cameras for outdoor use. Mounting bracket included. Integrated heating element and fan for severe conditions. Heater activation temperature: 15°C (59°F). Fan activation temperature: 35°C (95°F). 110 VAC input voltage. Material is aluminum and color is silver-gray.



Part # 172103

Indoor/Outdoor Pan, Tilt + Zoom Network IP Camera

Network IP camera (550710) equipped with a 8x zoom lens, indoor/outdoor enclosure, pan/tilt (350° pan/90° tilt) motor and control box.



Part # 550734

Network IP Camera

Embedded operating system connects anywhere on a network without the need for a PC. Built-in motion detection. Instant event-triggered e-mail notification. Multiple log in supports up to 100 users simultaneously. FTP/e-mail upload transmits live images to any web page. Power over Ethernet ready. Plug and Play. Powerful video compression stores up to one full month of video on a typical PC. No special software or additional hardware required. Assign a public IP address for anytime, anywhere viewing over the internet. Assign a private IP address for viewing over your local network.



Part # 550710

Pro Series MPEG4 Network Camera

1/3" SONY Super HAD CCD image sensor for excellent image quality. Up to 30 frames per second in all image resolutions. Supports image resolutions up to 720 x 480 (D1). Integrated motion detection with pre- and post-alarm image/video buffering. Event triggered FTP and email upload of still images and videos. Audio support, full duplex, up to 3.4 kHz. Terminal block for external sensors or external alarm devices. Supports low light conditions. Supports MPEG4 streaming and Motion-JPG direct image access. Video access through any standard Web browser.

Part #	Description
503181	Pro Series MPEG4 Network Camera
550253	Pro Series Wireless MPEG4 Network Camera

Continuous Pan Motor

Ideal for covering whole rooms. Continuous pan between pre-set stops set by jumpers. 350° range of rotation. Pan speed: 5"/sec. Manual on/off only, not browser controlled. 6 ft. power cord. Mounting bracket and hardware included.



Part # 173261

Network IP Camera Accessories

Lenses



Part #	Description
550680	Zoom lens. 3.5-8.0 mm variable focal length. F1.4. Field of view 35.7-77.5°. Manual focus & iris.
550673	Wide Angle Lens. 2.6mm focal length. F1.6. Field of view 98.7°. Manual focus & iris.
550123	Wide Angle Lens. 2.5mm focal length. F2.0. Field of view 104°. Manual focus & iris.



Network IP Camera Accessories (cont.)

Indoor Enclosure

Protects IP camera 550710 for indoor use. Mounting bracket included. Material is aluminum. Color is silver-gray.



Part # 171144

Outdoor Enclosure

Weatherproof enclosure protects Network IP camera 550710 for outdoor use. Mounting bracket included. Material is aluminum. Color is beige/silver-gray.



Part # 170758

Mounting Brackets

Part #	Description
172721	Ceiling Mount Bracket - Made of metal with silver enamel. 360° swivel angle. 120° tilt angle. 2 kg (4.4 lbs) max load.
170765	Wall Mount Bracket - Made out of aluminum, beige. 360° swivel angle. 90° tilt angle. 10 kg (22 lbs) max load.
172714	Table Mount Bracket - Made of metal with silver enamel. 360° swivel angle. 120° tilt angle. 2 kg (4.4 lbs) max load.

Power Over Ethernet Adapter

Ideal for applications where power is not present. For use with the Network IP Camera. Replaces the power cord for the camera.



Part #	Description
521451	Adapter
521444	Injector Only

High Speed Dome Outdoor Network Camera

Tamper proof outdoor housing with integrated heater and blower. IP66 rated: dust-tight and protection against heavy seas. 1/4" SONY Super HAD CCD image sensor for excellent image quality. Powerful 30x optical zoom module with auto-focus and 10x digital zoom for a total 300x zoom. Pan speed of 360°/second. 20 Programmable present positions. 20 Step guard tour, programmable. Supports extreme low light conditions, minimum 0.0007 lux with DDS. Engages black and white mode automatically. Supports image resolutions up to 720 x 480 (d1).



Part # 550260

Network Video Server

No dedicated PC required. Easy setup. Compatible with most equipment. Simultaneous viewing (up to 100 users). Event triggering (alarm, e-mail, FTP). Secure, self-contained Web server.



Part # 550000

Panasonic

Network and Analog Dome Camera

Hybrid - Analog and 10Base-T/100 Base-TX network interface. Very high sensitivity of 1.0 lux in color to .25 lux (as 4x sensitivity). High resolution - over 480 lines in color. 10x optical zoom and 5x digital zoom for 50x total. 16 pre-sets. Video Motion Detection. Built-in web based server for viewing and control using standard web browser.



Part # WV-NS324



Security/CCTV - Network IP Cameras & Accessories

Panasonic

i-Pro Network Color Camera

MPEG4 and JPEG selectable. Minimum illumination of 2.0 lux. Remote pan/tilt control. 8 presets. Quad image display. 140° panning/120° tilting. Built-in web server.

Part # WV-NM100



i-Pro Day/Night Network Camera

Network and analog connectivity. 480 lines color, 570 lines B/W. Wide dynamic range for contrasted lighting. Day/Night - automatically/manually switches from color to B/W. Built-in digital motion detector. 12V DC. Built-in web server.

Part # WV-NP472



i-Pro Vandal-Proof Network Color Dome Camera

Network and analog connectivity. High impact 3.5mm thick polycarbonate dome. Day/Night - automatically/manually switches from color to B/W. Wide dynamic range for contrasted lighting. 2x variable focal lens (3.8 -- 8mm). 0.8 lux in color, 0.1 lux in B/W. 480 lines color, 570 lines B/W. Built-in web server. Surface mount.

Part # WV-NW474S



i-ProColor Network Camera

Dual MPEG4 and JPEG selectable output. 30 fps -- VGA in MPEG4 or JPEG mode. Power over Ethernet: 802.3af. Vibrant color reproduction. Smooth picture. SD memory card slot for FTP back-up. One way audio (G.726). ALC.

Part # WV-NP244



Panasonic

i-Pro Mega Pixel Color Network Camera

1.25 million pixels (1,280 x 960) CCD for smooth reproduction of moving objects. Dual MPEG4 and JPEG selectable output. Day/night switching for 24-hour surveillance. SD memory card slot for FTP back-up. Video monitor detection. Multicast transmission.

Part # WV-NP1004



i-Pro Network Color Mini Dome Camera

Dual JPEG/MPEG-4 selectable output for simultaneous monitoring and recording of images. Progressive scan CCD for smooth images of moving objects and superb color reproduction. Power over Ethernet allows power and signals to be transmitted over same data cables. 30fps (VGA) in either MPEG-4 or JPEG mode. Video motion detection transmits an alarm signal when moving objects enter monitored area. Multi-screen display allows monitoring of 2 groups of 8 cameras on a quad display.

Part # WV-NF284



i-Pro Network Color PTZ Camera

Super Dynamic III provides 128x dynamic range ensuring accurate image reproduction in any environment. Progressive output for smooth images of moving objects and superb color reproduction. 22x optical zoom for accurate capture of objects from long distances. Power over Ethernet for transmission of power and signals over the same data cable. 0.7 lux minimum illumination for 24 hour surveillance. Versatile mounting methods accommodate any environment including wall, ceiling, and embedded ceiling mount options. Built-in SD memory slot for FTP back-up of high resolution JPEG images.

Part # WV-NS202



Security/CCTV - Camera Lenses

Panasonic

1/2" Type Auto Iris Lenses

For 1/3" CD B/W cameras, standard-angle lens, 12mm focal length, f/1.4 aperture ratio.

Part # WV-LA12B2



1/2" Type Variable Focal Lens

For 1/3" and 1/2" CCD cameras, auto iris, 2x variable lens, 6-12 mm focal length, f/1.4 aperture ratio.

Part # WV-LZ80/2



1/2" Type Zoom Lenses

WV-LZ81/6A



WV-LZ81/10



Part #	Description
WV-LZ81/6A	1/3" and 1/2" CCD camera, 6x motorized lens, 8.5-51 mm focal length, f/1.2 aperture ratio, auto iris
WV-LZ81/10	1/3" and 1/2" CCD cameras, 10x motorized lens, 8-80mm focal length, f/1.4 aperture ratio, auto iris

1/3" Type Fixed Iris Lenses

Wide-angle lens, 4.5mm focal length, f/2.8 aperture ratio.

Part # WV-LF4R5C3A



Panasonic

1/3" Type Auto Iris Lenses

WV-LA2R8C3B



PLZ27/5D



Part #	Description
WV-LA2R8C3B	1/3" CCD cameras, super wide-angle lens, 2.8 mm focal length, f/1.3 aperture ratio
WV-LA4R5C3B	1/3" CCD cameras, wide-angle lens, 4.5mm focal length, f/1.2 aperture ratio
WV-LA9C3B	1/3" CCD cameras, standard-angle lens, 9 mm focal length, f/1.2 aperture ratio
PLZ27/5DN	2.7-13.5mm vari-focal, auto iris day/night aspherical lens
PLZ29/27	2.9-8.0mm vari-focal, auto iris day/night aspherical lens
PLZ5/10	5-50mm vari-focal, auto iris, day/night aspherical lens

1/3" Type Variable Focal Lenses



Part #	Description
WV-LZF61/2	2x variable, 3.8-8 mm focal length, f/1.4 (wide) and f/1.8 (tele), fixed
WV-LZA61/2S	2x variable, 3.8-8 mm focal length, auto iris silver
WV-LZ62/8S	For 1/3" CCD cameras, 8x variable lens, 5-40 mm focal length, f/1.6 (wide) and f/1.9 (tele) aperture ratio

Security/CCTV - Camera Lenses



13FA Series Fixed Focal Lens

CS mount. For use with 1/3-inch format cameras. Manual iris, manual focus. High resolution power in compact body. Filter size is 30.5P0.5 mm. Weighs .08 lb (.04 kg).



Part #	Focal Lgth	Relative Aperture (F)	Diag. Angle	Horiz. Angle	Vert. Angle	Min. Obj. Distance	Back Focal Lgth
13FA2.3	2.3mm	1.4~Close	143.2°	116.1°	87.4°	0.2m	8.30 mm
13FA2.8	2.8mm	1.4~Close	121.8°	97.4°	72.8°	0.2 m	8.80 mm
13FA4	4 mm	1.2~Close	92.3°	71.6°	52.7°	0.2 m	9.17 mm
13FA8	8 mm	1.2~Close	43.8°	34.5°	25.6°	0.2 m	9.21 mm

13VA Series Varifocal Lens

CS mount. For use with 1/3-inch format cameras. Manual iris, manual focus and manual zoom. High resolution power in compact body. Appropriate for indoor and outdoor lighting situations. Optimized for maximum light transmission.



Part #	Focal Lgth	Relative Aperture (F)	Diag. Angle	Horiz. Angle	Vert. Angle	Min. Obj. Distance	Back Focal Lgth	Zoom Ratio
13VA1-3	1.6~3.4mm	1.4~Close	106.1°~180.0°	84.3°~180.0°	55.8°~114.1°	Close	7.07~11.5 mm	2.1X
13VA2.5-6	2.5~6m	1.4~Close	56.8°~133.3°	45.6°~107.6°	34.2°~80.9°	0.2 m	8.72~14.24 mm	2.4X
13VA3-8	3~8m	1.4~Close	44.1°~118.7°	35.3°~93.4°	26.5°~68.8°	0.2 m	8.75~22.84 mm	2.7X
13VA5.5-82.5	5.5~82.5 mm	1.8~Close	4.2°~64.7°	3.1°~50.7°	2.3°~37.5°	0.2 m	8.65~10.32 mm	15X
13VA5-40	5~40mm	1.6~Close	8.8°~66.9°	6.5°~53.6°	4.8°~40.2°	0.5 m	10~14.3 mm	8X
13VA5-50	5~50 mm	1.4~Close	-	5.3°~53.4°	4.1°~40.1°	0.5 m	10.05 mm	10X

13FD Series Fixed Focal Lens

CS mount. Spot filter. For use with 1/3-inch format cameras. Auto iris (direct drive, no amplifier), manual focus. High resolution power in compact body. Standard 4 pin plug installed for ease of installation and convenience. Filter size is 37.5P0.5 mm. Weighs .17 lb (.08 kg).



Part #	Focal Lgth	Relative Aperture (F)	Diag. Angle	Horiz. Angle	Vert. Angle	Min. Obj. Distance	Back Focal Lgth
13FD2.3	2.3 mm	1.4~360	143.2°	116.1°	87.4°	0.2 m	8.30 mm
13FD2.8	2.8 mm	1.4~360	121.8°	97.4°	72.8°	0.2 m	8.80 mm
13FD4	4 mm	1.2~360	92.3°	71.6°	52.7°	0.2 m	9.17 mm
13FD8	8 mm	1.2~360	43.8°	34.5°	25.6°	0.2 m	9.21 mm

13VD Series Varifocal Lens

CS mount. Spot filter. For use with 1/3-inch format cameras. Auto iris, manual focus and zoom. High resolution power in compact body. Appropriate for indoor and outdoor lighting situations. Comes with a standard square 4 pin plug installed for ease of installation and convenience. VD Series lenses are intraspot-type lenses, which optimize the dynamic range of the iris. Maximum apertures of no less than f1.8 to a minimum aperture of f360.



Part #	Focal Lgth	Relative Aperture (F)	Diag. Angle	Horiz. Angle	Vert. Angle	Min. Obj. Distance	Back Focal Lgth	Zoom Ratio
13VD1-3	1.6~3.4 mm	1.4~360	106.1°~180.0°	84.3°~180.0°	55.8°~114.1°	Close	7.06~11.54 mm	2.1X
13VD2.5-6	2.5~6 mm	1.4~125	56.8°~133.3°	45.6°~107.6°	34.2°~80.9°	0.2 m	8.72~14.24 mm	2.4X
13VD3-8	3~8 mm	1.4~360	44.1°~118.7°	35.3°~93.4°	26.5°~68.8°	0.2 m	8.75~22.84 mm	2.7X
13VD5.5-82.5	5.5~82.5 mm	1.8~360	4.2°~64.7°	3.1°~50.7°	2.3°~37.5°	0.2 m	8.65~10.32 mm	15X
13VD5-40	5~40mm	1.6~360	8.8°~66.9°	6.5°~53.6°	4.8°~40.2°	Consult Factory	10~14.3 mm	8X
13VD5-50	5~50 mm	1.4~185	-	5.3°~53.4°	4.1°~40.1°	0.5 m	10.05 mm	10X

Lens Accessories

Converts an auto iris lens from DC drive to video drive. Built-in amplifier increases the video signal to automatically operate the open/close commands of the lens in response to changing light conditions. Automatic Gain Control (AGC). Brightness level settings. Standard 4-pin connectors. Easy to install. Can be used with any Pelco camera and DC lens equipped with a standard, 4-pin square connector. Plastic, black finish.



Part # LDC100

Lens Accessories (cont.)

Lens adapter. Adapts standard C-mount lenses to CS-mount cameras.

Part # PCMA40

Security/CCTV - Camera Lenses



Board Camera Lenses



Part #	Size	Camera Lens
CL-2.5	2.5mm	Black and white
CLB-12	12mm	Black and white
CLB-6	6mm	Black and white
CLB-6C	6mm	Color
CLB-8	8mm	Black and white



1/3" Monofocal Camera Lens



Part #	Type
CL-16	16mm F 1.6 without iris, with focus
CL-8	8mm F 1.3 without iris, with focus

C/S Varifocal Lenses

DC auto iris. 4 pin connector.

Part #	Description
VF3.5-8 DC	3.5-8mm F1.4
VF2.8-12 DC	2.8-12mm F1.4
VF6-60 DC	6-60mm F1.6

Security/CCTV - Monitors

Panasonic

Color Monitors

WV-CM1020



Part #	Description
WV-CM1020	300 lines of horizontal resolution. Selectable two channels A/B. Two loop through video/audio connectors. Max. 0.5W speaker. Durable metal cabinet. 120VAC/60Hz.
WV-CM1420	370 lines of horizontal resolution. Selectable two channels A/B. Max. 0.5W speaker output. 120VAC/60Hz
WV-CK1420A	370 lines of horizontal resolution (S-Video). Looping through BNC connectors for video input/output. Looping through RCA connectors for audio input and output. S-Video input. Maximum 0.7W for speaker output. 120VAC/60Hz.
WV-CM2080	500 lines of horizontal resolution (S-Video). Three channel video inputs (composite A/B or S-Video). Built-in Panasonic Security Data Link connector. Max 0.7W speaker output. 19-type mounting bracket is provided. Metal cabinet. 120VAC/60Hz.
WV-CK2020A	500 lines of horizontal resolution (S-Video). Looping through BNC connectors for video input & output. Looping through RCA connectors for audio input and output. S-Video input. Maximum 0.7W for speaker output. 120VAC/60Hz.

LCD Monitors

450 line resolution. Screen resolution 640 X 480 (VGA). 2-channel composite input with loop throughout. Energy efficient. Wide viewing angle: 176 degrees horizontal X 176 degrees vertical. Durable lightweight plastic cabinet. Wall mountable using (optional) standard VESA mounting bracket.



Part #	Description
WV-LD1500	15"
WV-LD2000	20"

17" LCD Monitor

High resolution 1280 X 1024 (SXGA). 500 line resolution. Wide viewing angle: 178 degrees horizontal X 178 degrees vertical. Three video terminals: composite, S-video and Y/Cb/Cr component video. Built-in realtime PIP (picture in picture). Selectable scan sizes full, over and under. Energy efficient. Metal cabinet.



Part # WV-LC1710

Panasonic

Plasma Displays - 9 Series

16-bit Digital Signal Processing -- provides real gamma control for ultra sharp images at the industry's highest level of 3,072 individual steps of gradation for finely nuanced images. New Real Black Creation -- Achieves highest level of contrast at a maximum of 10,000:1 in dark image areas to reproduce exceptionally rich, deep blacks. Advanced Image-Enlarging Function -- Built-in, this function makes it easier to set-up multi-screen systems with as many as 16 displays (4 x 4 configuration). Advanced 3D Color Management -- Achieves precise control based on 3D management in color difference plane and brightness directions. This finer level of control produces more expressive images. Sub-Pixel Controller -- Eliminates jagged or blurred diagonal lines and produces smoother edges. This advanced system produces crisper, more natural looking images. Motion Pattern Noise Reduction -- Circuit detects motion patterns that tend to generate noise, and makes adjustments to maximize image quality. It helps produce clean, sharp images with outstanding gradation.



Part #	Description
TH-50PH9UK	High Definition 50"
TH-42PH9UK	High Definition 42"
TH-37PH9UK	High Definition 37"
TH-42PS9UK	Standard Definition 42"



300 Series Flat Panel, TFT LCD Monitor

Space-saving design. Picture-frame-style desktop stand. Looping composite and S-video inputs. VGA input. Supports up to 1280 x 1024 SXGA resolution or 1024 x 768 resolution. Maximum contrast ratio of 500:1. Maximum response time of 12 ms (PMCL319, PMCL317), 16 ms (PMCL315). 100/240 VAC, 50/60 Hz autoranging internal power supply. Low power consumption (<50 watts). Internal speakers. Optional rack, wall, ceiling and camera mounts.



Part #	Description
PMCL315	15-inch (381 mm)
PMCL317	17-inch (432 mm)
PMCL319	19-inch (483 mm)



Security/CCTV - Monitors



200 Series Flat Panel, TFT LCD Monitors

Space-saving design. Picture-frame-style desktop stand. VGA input. Supports up to 1280 x 1024 SXGA resolution. Maximum brightness of 300 cd/m². Maximum contrast ratio of 500:1. Typical response time of 12 ms. 100/240 VAC, 60/50 Hz autoranging internal power supply. Low power consumption (<50 watts). Internal speakers. Optional rack, wall, ceiling and camera mounts.



Part #	Description
PMCL217	17-inch (432 mm)
PMCL219	19-inch (483 mm)

400 Series Flat Panel, TFT LCD Monitor

Space saving design. Picture-frame-style desktop stand. Two looping composite inputs and one s-video input. VGA input. 3D Digital Comb Filter with deinterlacing for high quality video. Picture in picture (PIP). Digital DVI input. USB hub. 100/240 VAC, 50/60 Hz autoranging internal power supply. Maximum response time of 12 ms (PMCL419, PMCL417), 16 ms (PMCL415). Low power consumption (<50 watts).

Part #	Description
PMCL415	15-inch (381 mm)
PMCL417	17-inch (432 mm)
PMCL419	19-inch (483 mm)

PMCS15A, PMCS17A, and PMCS19A Monitors

Super-high resolution - PMCS14A and PMCS17A have 700 TV lines; PMCS19A has 800 TV lines. Computer grade picture tube. Front panel controls. Auto-switching 90-260 VAC input. Auto-sensing NTSC/PAL. Built-in speaker. Video and audio input and output. S-VHS input for separate Y-C signals. Rack mountable.



Part #	Description
PMCS17A	17-inch (43.18 cm)
PMCS19A	19-inch (48.26 cm)
PMCS15A	15-inch (35.56 cm)

PMC9A Monitor

High resolution. Front panel controls. Auto-switching 100-240 VAC input. Auto-sensing NTSC/PAL. Two (BNC) video inputs with looping outputs. Two audio inputs with looping outputs. S-video input for separate Y-C signal. Rack mountable. Built-in speaker. 75 ohm/high-impedance termination switch on rear. Internal lock synchronization circuitry eliminates external vertical and horizontal controls. 9-inch (23 cm).



Part # PMC9A

Recommended Mounts

Rack kit, 10.42" H, for mounting one or two PMC9A monitors in a 19" W rack. Includes one blank panel to cover unused opening (8 RUs).



Part # RMJ9UCA



Black and White CCTV Monitors

High resolution 9" black and white monitor housed in a rugged black metal cabinet. Features flip open control cover, LED On/Off indicator, video output and solid state circuitry. UL and CSA Listed.



Part # VM-901B



Black and White CCTV Monitors (cont.)

High resolution 12" black and white monitor housed in a rugged black metal cabinet. One thousand lines at center. Features LED On/Off indicator, flip open control cover, video output and solid state circuitry. UL and CSA Listed.



Part #	Description
VM-1201B	Without audio
VM-1205B	With audio

High resolution 15" black and white monitor housed in a rugged black metal cabinet offers 1,000 lines resolution at the center. Includes flip open control cover, LED On/Off indicator, video output and solid state circuitry. UL and USA Listed.

Part # VM-1501B

High Resolution Black and White Monitor

High resolution black and white 15" monitor with built-in quadr-splitter. Rugged, black metal cabinet. Built-in time/date generator. One thousand lines at center. Also features flip open control cover, LED On/Off indicator, video output, solid state circuitry and alarm input. UL and CSA listed.



Part # VM-1501BQS

Black and White Monitors

17 inch black and white monitor has a 1000 line with high resolution picture or data display. It features a looping video input/output with switchable 75 ohm termination. It has up-front controls with a hinged cover, LED power light. UL listed.



Part # VM-1701B

20 inch black and white monitor has a 1000 line high resolution. It has a high resolution picture or data display and a looping video input/output with switchable 75 ohm termination. It has an LED power light. UL listed.

Part # VM-2001B

Color Monitor

Color 14" diagonal video monitor with 280 lines resolution. NTSC compatible two camera input loop through. UL and CSA Listed.



Part # VM-1401C

Color Monitor with Audio

17 inch color monitor has audio capability with more than a 520 line resolution. It features convenient front controls, looping video input/output, and comb filter for enhanced picture quality. It is encased in rugged metal cabinets. UL Listed.



Part # VM-1705C

Security/CCTV - Monitors



Color Monitor with Audio (cont.)

21 inch color monitor has audio capability with more than a 450 line resolution. It features convenient front controls, looping video input/output, and comb filter for enhanced picture quality. It is encased in rugged metal cabinets. UL Listed.

Part # VM-2105C

Flat Screen Color Monitor

15.1" high resolution TFT flat screen LCD monitor offers convenient on-screen display controls located on the front panel. It includes controls for brightness, contrast, hue, color, vertical and horizontal positioning, and volume. It features audio with front mounted speakers. An input signal detection provides for easy connection. The remote control is a special feature because it facilitates operation. A 12V DC power supply, AV cable with RCA connectors, BNC/RCA adapter, and 2 AAA batteries for the remote are included.



Part # VM-15LCD



Portable CCTV Installation & Test Monitor In Carrying Case

This monitor, with TFT LCD panel and 480 x 234 resolution, comes in a handy compact size and is shock resistant. It has a built-in rechargeable battery and includes a battery charger. It is a NTSC/PAL system, video input 1 VP-p at 75, 30 mVp-p to 100 mVp-p audio input, 0.5 watts max/8 audio output with video/audio connector: RCA w/BNC plug adaptor. Digital controls: contrast, brightness, color, tint (NTSC only), volume and power on/off. 12V power supply and 4.5 watt power consumption. 6"W x 5.04"H x 3"D, 4.3 lbs.



Part # VMS-2

Security/CCTV - Camera Housings, Consoles, Racks, Mounts & Brackets

Panasonic

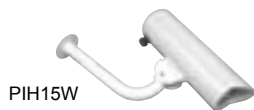
Indoor Dome Housing



PID9

Part #	Description
PID9	Indoor in-ceiling dome housing. Opaque liner combined with lower tinted dome hides camera position. Steel upper housing. Designed for the WV-CS574 and WV-CS954.
PIFIXD	Designed for Panasonic fixed cameras. Opaque liner combined with lower tinted dome hides camera position. Small compact size 5.9" bubble. Steel upper housing.
PICSD	Designed for Panasonic CS dome cameras: WV-CS574 Series, WV-NS324. Opaque liner and lower tinted dome hides camera position. Small compact size 5.9" bubble. Steel upper housing.
PDM9	Indoor drop ceiling mount for use with WV-CS954 Series, WV-CS574. Designed for discreet indoor surveillance, mounts into standard 2x2 or 2x4 suspended ceiling.
PSMD12	Designed for Panasonic's standard body 1/3" cameras with Panasonic Fixed-Focal Lens Series (camera not included). 12" dome. Accommodates a standard body fixed camera up to 8" in length. Constructed of ABS plastic housing. Tinted acrylic dome.

Indoor Fixed Housings



PIH15W

Part #	Description
PIH15W	Designed for standard 1/3" cameras with fixed focal length lens. Made from high-impact plastic. Adjustable camera bracket supports camera up to 8". Housing wght 2 lbs. 4 oz.
WV-7110A	Dust-proof indoor housing. Top or bottom mounting. Direct wiring.
PMCH8	For standard body 1/3" cameras with Fixed-Focal Lens Series. Accommodates a standard body fixed camera up to 8" in length. Constructed of 14-gauge steel. For corner mount applications.
PMWH8	For standard body 1/3" cameras with Fixed-Focal Lens Series. Fits standard fixed cameras up to 8" in length. Constructed of 14-gauge steel. For wall or ceiling mount applications.
PMEH8A	For standard body 1/3" cameras with Fixed-Focal Lens Series. Accommodates a standard body fixed camera up to 8" in length. Constructed of 14-gauge low-profile wedge housing. 18-gauge base. Designed for surface mount applications.

Panasonic

Indoor Fixed Housings (cont.)

Part #	Description
PPEH8	Off white, high-impact polycarbonate housing & window. Easy installation to any ceiling. Tamper-resistant fasteners. Molded-in hinge. Fully adjustable camera bracket for top/bottom mounting. Right-angle BNC connector included.
PRC201C	Use in 2'x2' suspended ceilings. Sized for a fixed solid state of 1/3", 1/2" camera/lens combo. High impact white plastic housing. High grade celar acrylic viewing window. Fully adjustable for 360° positioning. Metal back box for plenum applications.

Indoor/Outdoor Fixed Housings



Fits all Panasonic 1/3" cameras with all Panasonic fixed focal length 1/2" and 1/3" ALC lenses. Lightweight aluminum chassis. Side hinges for ease of access when focusing and adjusting. Terminal block interface for easy connection. Provision for optional heater/blower and sun shield.

Part #	Description
POH1000	Outdoor housing
POH1000HB	Outdoor housing with built-in 24VAC heater/blower

16" indoor/outdoor extruded aluminum housing for all 1/2" and 1/3" Panasonic cameras and all current Panasonic lenses including zoom models. Lightweight aluminum chassis. Side hinge for ease of access when adjusting and servicing camera. Dual conduit opening on housing bottom, sealed with rubber grommets. Terminal block interface for easy connection. Provision for optional heater/blower and sun shield.



Part #	Description
POH1500	Outdoor housing
POH1500HB	Outdoor housing with built-in 24VAC heater/blower



Panasonic

Outdoor Dome Housings

Easy installation. 24-hour fan operation for effective heating and condensation protection. 24VAC heater for low power installation. Surge protection for video line and power. Ground loop protection by optional unit PWBT1621 (isolation transformer). Optically clear dome material. Designed for WV-CS954/WV-CS574 Series.



Part #	Description
POD9C	Pendant mount style
POD9CW	Wall mount style
POD9CT	White dome housing - CT pendant
POD9CWT	White dome housing - CWT wall

Pendant Dome Housing

Durable plastic top, UV protected with a UL flame rating of 94V0. Aluminum wall or pendant mount. Optional mounts for corner, pole and parapet applications. Quick and easy installation. 24VAC blowers and thermostatically controlled heaters for condensation protection. Surge protection. Thermoformed, optically clear, cell-case acrylic material.



Part #	Description
POD8CF	Pendant for fixed cameras
POD8CB	Pendant for CS dome cameras
POD8CW	Wall mount for CS dome cameras
POD8CWF	Wall mount for fixed cameras

Outdoor Fixed Housings

Outdoor Bullet Resistant Housing

Designed for Panasonic's standard body 1/3" cameras with Panasonic Vari-Focal Lens Series. Ballistic rated. 7-gauge strength and durability. 24VAC heater.



Part # PBRH10

Outdoor Housing

Weatherproof outdoor housing for cameras with fixed focal length lenses. Thermostat automatically controls built-in heater and cooling fan. Sun shield provided. Easy wiring with use of terminal board. Mountable to the WV-7260D Pan/Tilt Mechanism.



Part # WV-7150D

Pressurized Housing

Pressurized Dome Camera Housing

WV-CS954, WV-CS574 and WV-NS324 cameras. Constructed of durable engineered plastic top, 94V0 with UV protected and acrylic lower dome. Standard with pendant mount. Meets DE and IP67 standards. Pressurized indicator. 50W heater turns on at 40°F and off at 60°F. Power and video surge protector. Weighs 8 lbs (without camera). 13.0"H x 11.5"W x 11.5"D.



Part # PPF9C

Indoor Pressurized Housing

Designed for Panasonic's standard body 1/3" cameras with Panasonic Fixed-Focal length cameras or motorized zoom lens. Accommodates a lens and camera combination with a total length of 14".



Part # PPH14

Panasonic

Outdoor Housing

Weatherproof outdoor housing for cameras with fixed focal length lenses. Thermostat automatically controls built-in heater and cooling fan. Sun shield provided. Easy wiring with use of terminal board. Mountable to the WV-7260D Pan/Tilt Mechanism.



Part #	Description
WV-Q116	Embedded Ceiling Installation Bracket - Designed for WV-CS954 camera
WV-Q117	Suspended Ceiling Installation Bracket - Designed for WV-CS954 and WV-CS574 cameras
WV-Q118	Wall Mount Bracket - Designed for WV-CS954 and WV-CS574 cameras



BS1750/CM1750/CM1750S/TB1750 Mounts

Low cost camera mount. Contemporary design. Adjustable swivel head. Supports up to 7 pounds (3.15 kg). Wall, ceiling, pedestal or false T-rail mounting. Optional 4-inch (10.16 cm) extender available.



Part #	Description
BS1750	Swivel head only with T-rail clip
CM1750	Universal wall, ceiling or pedestal camera mount with adjustable swivel head
CM1750S	Same as CM1750 except shorter
TB1750	Universal T-rail camera mount with adjustable swivel head for use in false ceilings

CM400 Mount

Low cost. Rugged construction. Supports up to 75 pounds (34 kg). Corner mount adapter for Legacy® LWM41 wall mount. Can also be used with IWM Series or IDM4018 dome mount. Design includes mounting studs for quick, simple, installation of wall mount. 6061 T6 aluminum, .125-inch thick construction. Gray polyester powder coat finish.



Part # CM400

Esprit™ Series Mounts

Low cost. For use with Esprit™ Series Integrated Positioning System. Constructed of aluminum. Features cable feedthrough. Easy to install. For indoor or outdoor applications.



Part #	Description
ECM100	Esprit corner mount; for use with EWM wall mount only
EPM	Esprit pole adapter; for use with EWM wall mount only
EPP	Esprit pedestal adapter; for use with PM2000/PM2010 pedestal mount
EWM	Esprit wall mount

LWM41 Wall Mount

Easy to install. Lightweight, cast-aluminum construction. Supports up to 150 pounds (68 kg). For use with Legacy® Integrated Positioning Systems. Can be used with Optional Legacy® LRD41 Series receiver. Optional access panel lock kit. Optional corner, parapet and pole adapters available.



Part # LWM41

Security/CCTV - Camera Housings, Consoles, Racks, Mounts & Brackets



IWM Series Mounts

Constructed of cast aluminum and is available in black or gray finish. Mounts directly to vertical load-bearing surface for wall mount applications. Supports up to 75 pounds (34 kg). Includes cable feedthrough hole. Includes integral 24 VAC, 100 vA transformer for use with Spectra Series Domes.



Part #	Description
IWM24-BK	24 VAC, 100 vA transformer, black finish
IWM24-GY	24 VAC, 100 vA transformer, gray finish
IWM-BK	Black finish
IWM-GY	Gray finish

MRCA/MRWA Mounts

Ceiling or wall mounting. Black polyester powder coat finish. For use with full sphere pendant style domes utilizing 1.5-inch NPT threaded pipe for mounting. Indoor applications only.



Part #	Description
MRCA	Ceiling mount
MRWA	Wall mount

PM2000/PM2010 Mount

Ceiling/pedestal mounting. Supports up to 125 pounds (56.62 kg). For use with medium and heavy-duty pan/tilts. Optional adapter available for use with enclosures. Optional support struts available for use in high wind applications. Cable feedthrough holes (top and bottom). Aluminum construction. Gray polyester powder coat finish.



Part #	Description
PA2000	Mount adapter. Required for use with Legacy® integrated positioning systems.
PM2000	Ceiling/pedestal mount, 24-inch (60.96 cm) height
PM2010	Ceiling/pedestal mount, 10-inch (25.40cm) height

PP350/PP351 Mounts

Easy to install. Aluminum construction. Maximum load 45 pounds (20.41 kg). For use with small and medium outdoor pendant mount domes that use 1.5-inch NPT pipe (including Spectra® and Intercept® Series). Swivels for easy installation and access to dome. Removable end-cap for easy access to wiring.



Part #	Description
PP350	Parapet or vertical wall mount for small-size pendant domes; mounts to inside or outside of parapet
PP351	Rooftop or smooth horizontal surface mount for small-size pendant domes

In-Ceiling Dome Mount

2' x 2' drop ceiling panel, aluminum construction. Replaces 2' x 2' ceiling tile.



Part # SD5-P

PA402 Mount

Low cost. Rugged construction. Supports up to 75 pounds (34 kg). Pole mount adapter for Legacy® LWM41 wall mount. Can also be used with IDM4018 or IWM Series dome mount. Design includes mounting studs for quick, simple, installation of wall mount. Mount is supplied with stainless steel mounting straps that are 28.5 inches (77.38 cm) long. Gray polyester powder coat finish.



Part # PA402



SWM Series Mount

Compact wall mount dome, with adapters. Low cost. For use with Spectra® or DF5 Series Pendant Domes. Constructed of cast aluminum. Cable feedthrough features. Supports up to 10 pounds (4.5 kg). Easy to install, by means of a mounting plate, with standard tools. Mounting hardware is concealed within with SWM, providing a very attractive appearance. Mounts directly to a vertical load-bearing surface for wall mount applications. Can be used with the SWM-PA Series Pole Adapter or SWM-CA Series Corner Adapter. For indoor or outdoor applications.



Part #	Description
SWM-BK	Compact wall mount with cable feedthrough, black finish
SWM-GY	Compact wall mount with cable feedthrough, gray finish

PP300L/PP301L Mount

Aluminum construction. Supports up to 175 pounds (78.75 kg). For use with Legacy® LWM41 wall mount. Can also be used with IWM-GY wall mount for Spectra® Pendant dome applications. Mounts to inside of parapet corner or on top of roof and parapet. Gray polyester powder coat finish.



Part #	Description
PP300L	Parapet corner mount; mounts on top of roof or parapet. Includes strut for added support.
PP301L	Same as PP300L except mounts to inside of parapet wall.

PP400 Mount

Low cost. Rugged construction. Supports up to 75 pounds (34 kg). Parapet mount adapter for Legacy® LWM41 wall mount. Design includes mounting studs for quick, simple, installation of wall mount. Mounts to inside of parapet. Minimum parapet height 18 inches (45.72 cm). 5052H32 aluminum, .190-inch thick construction. Gray polyester powder coat finish.



Part # PP400

PP4348 Mount

Aluminum construction. Cable feedthrough hole. Supports up to 75 pounds (34 kg). Mounts on a flat roof or smooth horizontal surface. For use with LWM41 Series Mount for Legacy® Series Pan/Tilt and Enclosure. Can also be used with IDM4018 or IWM Series Mount for Spectra® Pendant Domes.



Part # PP4348



Housing Mounts

Sturdy black aluminum housing for mounting CCTV color board cameras. Fits CVC-520BC, CVC-530BC and many other board cameras with pivotal bracket. Dimensions (H x W x D) are 2 x 2 x 1 1/8".



Part # BCC-20

Heavy duty black aluminum housing with tamperproof screw for mounting a CCTV mini camera to wall. Dimensions (H x W x D) are 4 1/4 x 3 1/4 x 2 3/4".

Part #	Color
BCC-WM	Black
BCC-WM/A	Almond



Security/CCTV - Camera Housings, Consoles, Racks, Mounts & Brackets



Housing Mounts (cont.)

For corner mount cameras. Durable aluminum housing. Viewing platform for miniature CCTV camera. Secures at 90° corner wall joints. Dimensions (H x W x D) are 4 1/4 x 3 1/4 x 5".

Part #	Surface Color
BCC-CM	Black aluminum
BCC-CM/A	Brush aluminum

Camera Brackets

11" Heavy duty bracket. Silver aluminum. Excellent for pan and tilt or outdoor housings.

Part # CST-175



6" Universal camera bracket. ABS plastic. Swivels 360° at base and 180° at camera. For wall or ceiling.

Part #	Color
CST-125	Black
CST-125A	Almond



6" Universal camera bracket. Black metal.

Part # CST-100



Mini bracket for bullet and other miniature cameras.

Part # CST-115



Camera Brackets (cont.)

10" Heavy duty universal camera bracket for wall mounting. Almond ABS plastic.

Part # CST-150



Weatherproof Outdoor Camera Housing

Operates on 24V AV. Ivory housing color. Hardware will not rust. Housing includes heater, blower and bracket. Housing dimensions are 15 1/4" L x 5 1/2" W x 4" H. Bracket dimensions are 11 1/2" L x 3 1/4" W x 4" H.



Part #	Description
VCH-400HB/MT	Housing with built-in heater/blower and bracket
VCH-400/MT	Housing & bracket only

Aluminum. Unit measures (HxWxD) 3 x 3 x 11 1/2".

Part # VCH-250



Rackmounts

Part #	Description
VM-12RM	Rack mount for 12" monitor
VM-15RM	Rack mount for 15" monitor
VM-9RM	Rack mount for 9" monitor

Security/CCTV - Power Supplies

BOGEN®

Power Supply Switching 24VDC 1 Amp

Specially designed for use with 24V Bogen equipment. Wide range of voltages and current outputs. 20 CU. Holster mounting. Pluggable terminal strip.

Part # SPS2410

Power Supplies

Designed to supply the low voltage DC requirements. Corded or outlet mounted, 120V AC primary supply input. Wide range of voltage and current outputs. Loop start paging interface built-in (PRS624DA & PRSASAC models only).



Part #	Output	120V AC Input Style	Loop Start Paging Interface	Output Connect.	Dim. (W x H x D)
PRS40C	12V @ 0.3A	Plug-in	N	Barrel connector	2" x 2 3/8" x 1 5/8"
PRS48	48V @ 0.1A	Plug-in	N	Screw terminals	2 1/2" x 3 x 1 7/8"

BOGEN®

Power Supplies (cont.)

Part #	Output	120V AC Input Style	Loop Start Paging Interface	Output Connect.	Dim. (W x H x D)
PRSASAC	24V @ 0.45A	Line cord	Y	Screw terminals	2 3/4" x 4 1/2" x 2 1/2"
RF12A	12V @ 1A	Line cord	N	Screw terminals	3" x 2 3/4" x 4 3/4"
RF24A	24V @ 1A	Line cord	N	Screw terminals	3" x 2 3/4" x 4 3/4"

Loop Start Interface/Power Supply

Functions as both a 24V DC power supply and a loop start interface for small paging systems. 24V Talk battery supply for loop start ports. Buffered audio output for up to 25 self-amplified speakers. 450 mA, 24V DC power supply for external equipment. Integral flanges and rubber feet for wall or shelf mounting. 6-terminal barrier strip. UL, listed for US (Canada pending).



Part # PRSLSI

Security/CCTV - Power Supplies



TF Series Power Supply

Single 24 VAC camera power supply, indoor. Low cost. 20 or 50 vA output. Fuse protection. UL listed, Class 2 power supply. Plastic construction. Beige finish.



Part #	Description
TF2000	120 VAC input, one fused, 24 VAC output
TF9000	Same as TF2000 except 50 vA output

WCS Series Power Supply

Multiple 24 VAC camera power supply, outdoor. 4 or 20 amp capacities. Outputs for 1 - 4 cameras. 120 VAC or 230 VAC selectable input. 24 VAC output or 28 VAC output for longer wire runs. NEMA4X/IP66 weatherproof enclosure. AC power indicator with power on/off switch. Compatible with Spectra® and Esprit® systems. Aluminum construction. Gray polyester powder coat finish.



Part #	Outputs	Current	Max. Amp	Input VAC	Output VAC	Fuse?
WCS1-4	1	4	4	100/120/230	24/26/28	Yes
WCS4-20	4	20	9	20/230	24 & 28	Yes
WCS4-20B	4	20	9	120/230	24 & 28	No



MCS Series Power Supply

Multiple 24 VAC camera power supplies, indoor. 2, 5, 10, or 20 amp capacities. Outputs for 4, 8, or 16 cameras. Fuse or circuit breaker protection. Spare fuses included with fused models only. 120 VAC or 230 VAC selectable input. 240 VAC output or 28 VAC output for longer wire runs. UL, cUL and CE approvals pending. AC power indicator with power on/off switch. Compatible with Spectra® and Esprit® Systems. Steel construction. Charcoal black polyester powder coat finish.



Part #	Output	Current	Output VAC	Fuse	Circuit Breaker
MCS16-10	16	10	24 & 28	Yes	No
MCS16-10B	16	10	24 & 28	No	Yes
MCS16-10S	16	10	24 & 28	Yes	No
MCS16-10SB	16	20	24 & 28	No	Yes
MCS16-20	16	20	24 & 28	Yes	No
MCS16-20B	16	20	24 & 28	No	Yes
MCS16-20S	16	20	24 & 28	Yes	No
MCS16-20SB	16	20	24 & 28	No	Yes
MCS4-2	4	2	24	Yes	No
MCS4-2B	4	2	24	No	Yes
MCS8-5	8	5	24 & 28	Yes	No
MCS8-5B	8	5	24 & 28	No	Yes

Security/CCTV - Controls and Integration

Panasonic

Mid-Range Matrix Switcher

Easy configuration. 256 inputs x 32 outputs, expandable up to 512x64. Simple set-up with Administrator Console. Removable boards: front access. Seamless control. Supports up to 1,024 alarm inputs. Compact design.



Part # WJ-SX650



CM6700 Series Matrix

Microprocessor-based switcher/controller, 16 x 2/4. 16 video inputs; 2 or 4 video outputs. 20-character camera title. Time (24 hour or AM/PM formats); date (4 formats). Alarm display call-up from 18 direct-connect alarm inputs. Video inputs individually selectable for terminating or looping. Coaxitron® compatible. Individual monitor sequential switching with preset call. Compatible with Pelco's RS-422 D or P protocol. Camera control selection: Coaxitron® or RS-422; individually selectable per camera. Control Genex® multiplexers. Selectable data port - TS-232/RS-422/RS-485. Password protected menu programming. User partitioning to prevent unauthorized viewing. Keyboards are switcher only (KBD100); switcher plus multi-speed control, presets, patterns, receiver aux (KBD200); and switcher plus 3-axis joystick for variable speed PTZ control, presets, patterns, receiver aux (KBD300).



Part #	Outputs
CM6700-MXB2	2
CM6700-MXB4	4



CM6800 Series Matrix Switcher/Controller

Provides switching and control for up to forty-eight video inputs and eight monitor outputs from any one of up to eighteen keyboards, PCs and other devices. Can be controlled from a local or remote keyboard, or from an external computer. Can be used with Genex multiplexers to display multiple camera views on a monitor. Features menu-driven, password-protected programming directly from the switcher or with the CM6800-MGR software package. Multiple ports are provided for PTX control, keyboards and peripheral components. Has 48 video inputs, 8 video outputs, NTSC, 120/230V, 50/60 Hz.



Part # CM6800E-48X8

KBD100 Keyboard

Features limited CM6800 Matrix control for operator locations where pan/tilt/zoom (PTZ) functions are not intended or not required. Features include programming capabilities, camera and monitor call-up, operation of sequences and patterns, and three function keys to allow local auxiliary activation. 25-foot cable supplied.



Part # KBD100

KBD200 Keyboard

This economical full-feature keyboard offers PTZ control, programming capabilities, camera and monitor call-up, operation of sequences and patterns, local auxiliary activation and "Touchspeed" multi-speed control of variable speed receivers. Added function keys allow control of receiver auxiliaries. The KBD200 also features an ASCII Mode. When configured for ASCII Mode control, the KBD200 outputs RS-422 ASCII protocol at 9600 baud. This configuration requires the KBDKIT and the PV130 RS-232 to RS-422 converter. 25-foot cable supplied. If distance between switcher and keyboard exceeds 25 feet, use KBDKIT/KBDKIT-X.



Part # KBD200



Security/CCTV - Controls and Integration



KBD300 Keyboard

Offer PTZ control, programming capabilities, camera and monitor call-up, operation of sequences and patterns, and local auxiliary activation. Added keys allow control of receiver auxiliaries. Functions keys have dual selections to allow remote control of multiplexer functions when a Pelco Genex Series multiplexer is used in conjunction. Features a three-axis, vector solving joystick, includes a twisting, return-to-center head for precise, single-hand control of PTZ functions.



Part # KBD300

KBD960 and KBR960 Keyboards

Twenty-four programmable soft keys may be individually labeled with installation specific titles. Includes a variable speed, vector-solving joystick with zoom control knob for pan/tilt/zoom and dome control. All additional lens control functions are positioned next to the joystick for one-handed operation. Two internal relays activate local devices such as video printers and VCR's. Adjustable backlit LCD screen and an audible beeper.



Part #	Description
KBD960	Full-function desktop variable-speed keyboard, 120V, 60 Hz wall transformer
KBR960	Full-function 19-inch EIA rack mount keyboard (4 RUs), 120V, 60 Hz



RF Modulators

Radio frequency modulator converts a composite signal to an RF signal. Operates on channels 3 or 4. Connects a video camera to TV monitor for security surveillance. Good for all applications requiring conversion of a video signal to an RF signal. Inputs are RCA, audio and video. Outputs are coax F connector. UL listed.



Part # RFM-1

CCTV Sequential Switchers

Automatic sequential video switcher adjustable from 0.5 - 30 second. LED camera indicator and override for homing or bypass capabilities. Maximum 4 inputs and 2 video outputs with audio ability.



Part # SQS-4BA

Automatic sequential video switcher adjustable from 0.5 - 30 second. LED camera indicator and override for homing or bypass capabilities. Maximum 4 inputs and 2 video outputs with audio ability.



Part # SQS-4B

Automatic sequential video switcher adjustable sequencing interval from 0.5 - 30 second. LED camera indicator and override capabilities for homing or bypass with 8 inputs and 2 video outputs.



Part # SQS-8B

Four position video switching with alarming inputs automatically switch to any of the four cameras when triggered. Sequencing interval adjustable 0.5 - 30 second with 4 inputs and 2 outputs.



Part # SQS-4ALM



Multiviewers

Nine camera multiviewer with multiple-picture selection (1, 2, 4, 8, 9). Includes IR remote control. Features green power system, CCD trigger input for home security applications.



Part # MV-9

Indoor Pan and Tilt Controller and Mount



Part #	Description
PTC-1	Controller for PTM-1. Works on 120 volts AC with 24 V AC output.
PTM-1	Mount. 350° pan angle. Manually controlled or auto scan. Requires CST-175 mounting bracket. 24V AC or power from PTC-1.

Color/Black and White Duplex Multiplexer

Allow image sources on one screen, while recording full screen images on a VCR. You have the option to view full or multi-screen pictures and adjustable dwell time and the option to view full or multi-screen pictures during VCR playback. It is uniquely programmable for recording between 2 - 999 hours. It conveniently has a built-in time and date generator with an 8 character camera title function. The video loss alert and alarm detection are structured as two distinct sounds that feature an up to 100 record. Compatible with all standard and time lapse VCRs.



Part #	Camera Type	Channels
RMX-16CD	Color	16
RMX-9CD	Color	9

Color Quad Splitter Video Compressor with Alarm Inputs

Includes camera sequencing, freeze frame on all cameras, security lock out button and built-in motion detection. Also included: alarm inputs, camera tilting, time-date, looping inputs, and on-screen programming. 117VAC/12V DC power supply included. 10"L x 13.5"W x 2.6"H



Part # RQS-5C

Black and White Quad Splitter with Motion Detection

Real time refresh rate in quad display. Excellent picture quality - 9 bit / 30 MHz sampling. Quad picture and sequential switching functions. Video motion detection. Video Loss Detection. Alarm inputs and outputs. Freeze frame, 2 x 2 zoom in live and playback modes. Video and VCR inputs and outputs. User friendly On Screen Display (OSD) programming. Time, date and title display. Auto skip of disconnected channels in sequential mode. Picture enhancement controls. Alarm history. Picture in Picture (PIP) mode. 8.2"L x 9.5"W x 2.5"H.



Part # RQS-10B

1 Input to 4 Output Video Distribution Amplifier

Red LED: power on/off. Can be connected to a video camera, multiplexer, VCR, DVR, etc. Dual voltage: 12 Volts DC / 24 Volts AC. 12 Volts regulated DC power supply included.



Part # VID-DIST



Security/CCTV - Recording Equipment

Panasonic

WJ-RT208 Series Digital Video Recorder (DVR)

High definition and long-period recording. Excellent scalability via an interlocking network function and Panasonic's systems controller. Designed for system stability and trouble free operation. User friendly panel for easy operation. Available in a variety of hard drive storage capacities.



Part #	Description
WJ-RT208/250	250 GB capacity
WJ-RT208/500	500 GB capacity
WJ-RT208/1000	1000 GB capacity
WJ-RT208/1500	1.5 TB capacity
WJ-RT208/2000	2.0 TB capacity

i-Pro Network Video Recorder (NVR)

High speed throughput- 3 dedicated ports (camera/client/setup). Auto IP setup for Panasonic cameras. Accepts JPEG, MPEG4 & analog cameras (w/encoder). MPEG4 rate control recording - full rate "I" frame recording only for efficient recording and viewing. Data stream control: live/recording. Base unit capacity 1TB; expandable to 7TB. Live viewing and PTZ camera control. Download pictures to PC. Accepts other camera manufacturer's input. Raid 5 board (optional).



Part #	Capacity
WJ-ND300/250	250 GB
WJ-ND300/500	500 GB
WJ-ND300/1000	1000 GB
WJ-ND300/2000	2.0 TB
WJ-ND300/3000	3.0 TB
WJ-ND300/4000	4.0 TB

WJ-ND200 Series i-Pro Network Video Recorder (NVR)

Removable 2.5" Hard Disk Drive (HDD) for easy archiving and management. Multi format: JPEG and MPEG4. High reliability through embedded Real-Time OS. Mirroring recording function with 2 HDD. Easy IP setup feature for i-Pro cameras. Impact resistance design of HDD's. Direct connection to PC via USB with HDD adapter. Available in 120GB or 240GB storage capacity.



Part #	Description
WJ-ND200/120	120 GB capacity
WJ-ND200/240	240 GB capacity
WV-Q200P	Rack Mount Brackets

Real-Time Digital Video Recorder (DVR)

Total recording rate of 480 ips (16 cameras x 30 ips) with 704 x 240 pixels. MPEG4 compression offers high quality, efficient recording. Network interface for remote access via a PC. Up to 3TB of storage via 6 internal hard drives. 16 audio channels. Simple and easy-to-use front panel and on-screen display. Fast, convenient search and playback.

Part # WJ-RT416

16-Channel Digital Video Recorder (DVR)

High-density recording:60 ips* (120 ips @ CIF). Full rate live multi-screen:60 ips up to 960 ips. Independent live/recording/playback/network. 16 independent recording profiles. Disk partitioning: normal, alarm and copy. RAID5 and mirror redundant recording. Advanced VMD (Video Motion Detector):area, direction and duration. Various network operations: live, PTZ control, recording, playback and downloading. Cascade up to 4 units for a total system capacity of 64 channels. Network and serial open architecture. 250GB hard disk drive - up to 7.5TB total storage available. Also available in a 9-channel version: WJ-HD309A Series.



Part # WJ-HD316A

Panasonic

WJ-HD220 DigitalDisc Recorder

High image quality with minimal degradation no matter how many times you record and play-back. No need to change and store tapes. Quick retrieval of exactly the scenes you want. Full featured surveillance capability. This advanced hard disk storage system makes recording simple and easy. With a 120GB hard disk as standard equipment, there is enough storage for up to one year (9,100 hours) of video input from eight cameras. Options include the addition of a second 120GB hard disk, for up to 240GB of storage.



Part #	Description
WJ-HD220/120	120GB model
WJ-HD220/240	240 GB model

i-Pro MPEG4/JPEG Encoder

Dual streaming for up to 4 analog cameras. Transmit VGA (640 x 480) images in either MPEG-4 or JPEG, up to 30 fps. Multicast allows simultaneous transmission of MPEG-4 to multiple clients while making efficient use of bandwidth. Synchronous audio permits conversation between camera and remote client (1ch only). Built-in network interface for remote monitoring by PC. SD Memory card slot for network trouble.

Part # WJ-NT304



DX4000 Series Digital Video Recorder

4-channels. MPEG-4 compression. Up to 704 x 480 recording resolution. Up to 120 images per second recording rate at 352 x 240 resolution. Independent channel resolution, quality and frame rate settings. Full function remote agent with administration functions. Up to 500 GB internal storage. Support for continuous, motion, alarm and scheduled recordings for maximum utilization of hard disk drives. 4 audio inputs, 1 audio output. 4 alarm inputs, 1 relay output. CD-RW or USB video offload.



Part #	Description
DX4004-160	DVR with 160 GB storage
DX4004CD-160	DVR with CD-RW and 160 GB storage
DX4004-250	DVR with 250 GB storage
DX4004CD-250	DVR with CD-RW and 250 GB storage
DX4004-500	DVR with 500 GB storage
DX4004CD-500	DVR with CD-RW and 500 GB storage

DX2000 Series Digital Video Recorder

8/16 Camera inputs, 80-640 GB hard drive space. Transaction-based data and video recording. Embedded operating system or maximum reliability. Full-duplex operation. Remote interface for all functions, including setup. Web-based remote interface for ease of use. TCP/IP or PSTN compatible. 8 or 16 camera inputs. 80/160/320/480/640 GB hard drive disk for video storage. Up to 180 days scheduled, motion, ATM, or point-of-sale (POS) terminal recording (depending on model). Very flexible record setup to accommodate the most demanding schedule. Time/date, transaction number, or text data search. Easy P/T/Z control via coaxitron with intuitive interface. 8/16 alarm inputs and 2 relay outputs.



Part #	No. of Camera Inputs	Total HDD Space
DX2008-160	8	160
DX2008-320	8	320
DX2008-480	8	480
DX2008-640	8	640
DX2016-080	16	80
DX2016-160	16	160
DX2016-320	16	320
DX2016-480	16	480
DX2016-640	16	640



Security/CCTV - Recording Equipment



DX8000 Series Digital Video Recorder

8/16 camera inputs and up to 1TB of internal storage. Advanced search capabilities include Pixel Search, Index Search and Thumbnail Search. Recording resolution up to 720x480 with recording rate in CIF mode up to 480 images per second. Recording rates adjustable on a camera-by-camera basis, capable of providing CIF, 2CIF or 4CIF image resolution. Fully implemented networking capabilities allow remote administration, playback, and export using the included PC client application.



Part #	No. of Inputs	Hard Drive Storage	Optical Driver
DX8008-250	8	250	CD-RW
DX8008-500	8	500	CD-RW
DX8008-750	8	750	CD-RW
DX8008-1000	8	1000	CD-RW
DX8016-080	16	80	CD-RW
DX8016-250	16	250	CD-RW
DX8016-500	16	500	CD-RW
DX8016-1000	16	1000	CD-RW
DX8008-080DVD	8	80	DVD-RW
DX8008-250DVD	8	250	DVD-RW
DX8008-500DVD	8	500	DVD-RW
DX8008-750DVD	8	750	DVD-RW
DX8008-1000DVD	8	1000	DVD-RW
DX8016-080DVD	16	80	DVD-RW
DX8016-250DVD	16	250	DVD-RW
DX8016-500DVD	16	500	DVD-RW
DX8016-750	16	750	DVD-RW
DX8016-1000DVD	16	1000	DVD-RW
DX8016-750DVD	16	750	DVD-RW

DX7100 Series Digital Video Recorder

8/16 Camera inputs. Built-in video motion detection, alarm-based recording and relay output controls. Models range from an eight-channel, single 120GB hard disk drive, to a sixteen-channel unit with a 480GB hard disk drive. Record and display images from one, four, nine or sixteen camera inputs to a single VGA monitor. Operate pan/tilt/zoom functions on controllable cameras. High-speed search functions, including date, time and camera options. Remote viewing, access and control via PSTN and TCP/IP (LAN/WAN/INTERNET). Optional accessories - CMS Central Management Software can simultaneously connect to a maximum of 100, 16-channel DX7100 digital video recorders.



Part #	No. of Inputs	Hard Drive Storage
DX7108-120	8	120
DX7108-240	8	240
DX7108-360	8	360
DX7108-480	8	480
DX7116-120	16	120
DX7116-240	16	240
DX7116-360	16	360
DX7116-480	16	480

TLR3040 Series Video Cassette Recorder

"Real-time" high density 24-hour recording. 6/18/30 or 8/24/40 hour time-lapse recording. Repeat recording. Series recording with multiple recorders. Daily/weekly/holiday recording schedules. Audio recording up to 40 hours. One-button recording check. Jog/shuttle for easy forward or reverse field playback. Search using alarm index, time and date, skip. On-screen programming. Interfaces with Pelco Genex® Multiplexers. Automatic head cleaning. Complete or partial front panel lock. Battery backup of settings. Elapsed time delay. Tape use counter. Daylight Savings Time setting.



Part # TLR3040



TLR3096 Series Video Cassette Recorder

6/18/30/54/78/102 or 8/24/40/72/104/136 hour time-lapse recording. Repeat recording. Series recording with multiple recorders. Daily/weekly/holiday recording schedules. Audio recording up to 40 hours. One-button recording check. Super resolution option. Jog/shuttle for easy forward or reverse field playback. Search using alarm index, time and date, skip, counter memory stop. On-screen programming. Interfaces with Pelco Genex® Multiplexers. Automatic head cleaning. Complete or partial front panel lock. Battery backup of settings. Elapsed time display. Tape use counter. Daylight Saving Time setting.



Part # TLR3096

TLR3168 Series Video Cassette Recorder

6/8 hour standard recording. 18/30/54/78/102/126/174 or 24/40/72/104/136/160/232 hour time-lapse recording. Repeat recording. Series recording with multiple recorders. Daily/weekly/holiday recording schedules. Audio recording up to 40 hours. One-button recording check. Super resolution check. Jog/shuttle for easy forward or reverse field playback. Search using alarm index, time and date, skip, counter memory stop. On-screen programming. Interfaces with Pelco Genex® Multiplexers. Automatic head cleaning. Complete or partial front panel lock. Battery backup of settings. Elapsed time display. Tape use counter. Daylight Saving Time setting.



Part # TLR3168



4-Channel Triplex Digital Video Recorder w/Network/DDNS Video Server

EZ Record: set the number of days you want to record and the DVR takes care of the rest. EZ Copy: auto copy what you are playing onto a USB flash drive. EZ Set-Up: for quick Installation. 3 year warranty! Free DDNS server for use with dynamic IP addresses. MPEG-4 high quality compression, 5~10 times smaller than MJPEG. Triplex operation enabling simultaneously view live or playback while continuing to record & network transfer. Remote monitoring, recording, playback, change system settings and dome camera control via Ethernet and/or Internet.



Part #	Description
DVR-4TL/160	160 GB Model
DVR-4TL/300	300 GB Model

Triplex MPEG-4 IP Based Digital Video Recorder w/16 Channels

EZ Record Copy and Set-up. Free DDNS server for use with dynamic IP addresses. MPEG-4 high quality compression, 5~10 times smaller than MJPEG. Triplex operation enabling simultaneously view live or playback while continuing to record & network transfer. Recording Rate: Up to 120pps. 1 Channel in out for audio recording. 1 Optical drive + up to 3 internal HDD. IEEE-1394 for extended storage - up to 3TB. Built-in CD-RW or DVD+RW for video clip exporting. USB 2.0 port for video clip exporting, supports USB thumb drive.



Part #	Description
DVR-16TS/750	240fps
DVR-16TT/750	480fps

Security/CCTV - Recording Equipment



Triplex Digital Video Recorder

EZ Record: Set the number of days you want to record and the DVR takes care of the rest. **EZ Copy:** Auto copy what you are playing onto a CD/RW or USB flash drive.

EX Set-Up: For quick installation. Press DDNS server for use with dynamic IP addresses. Triplex operation enabling simultaneously view live or playback while continuing to record and network transfer.



Part #	Description
DVR-4TN/160	4 Channel Triplex MPEG-4 DVR
DVR-8TN/160	8 Channel Triplex MPEG-4 DVR
DVR-16TN/160	16 Channel Triplex MPEG-4 DVR

PC Based Pentaplex Digital Video Recorder

160GB HDD. Pentaplex operation - record, view live, playback, transmit video and transmit alarms simultaneously. Complete with 160GB HDD. Stable XP embedded. Smart search. Easy to use GUI Interface. Use on networks and the Internet. Built-in CD burner allows user to back up images in 1-hour segments selectable per camera. Recording scheduler (camera, time & date, recording mode). Email notification. Proprietary enhanced MPEG algorithm.



Part #	Description
DVR-PC8	8 Channel
DVR-PC16	16 Channel

Security/CCTV - Intrusion Detection



Analog Telephone Module

Connections for up to 4 incoming lines. Parallel outputs for up to 11 locations. 1 RJ45 expansion port (to connect to another telephony module). Line 1 or line 2 security system connection via RJ31X jacks. Fits on HS-MP200 mounting plate (included).



Part # HS-TH200

4-Button Wireless Key and Designer Cases

Wireless key systems are an attractive add-on to any security package, offering end-users the convenience and flexibility of portable wireless remote control. These wireless devices can be used to arm/disarm security systems from a distance, be programmed to activate garage door openers, turn on lights, open powered gates or trigger a panic alarm. They also help reduce false alarms by allowing end-users to disarm an alarm system before entering a home or business.



Part #	Description
WS4939	Wireless key
WS4939DC-BLK	Marbled black case
WS4939DC-BLU	Marbled blue case
WS4939DC-METBLU	Metallic blue case
WS4939DC-WOOD	Wood grain case
WS4939DC-SILVER	Silver case
WS4939DC-METPINK	Metallic pink case
WS4939DC-GOLD	Gold case
WS4939DC-CRBNFBR	Carbon fiber case
WS4939DC-RED	Red case

1-Button Personal Panic

Activation via 1 large, easy-to-use button. Integrated LED to indicate signal transmission. Neck strap included. Installer-activated, long-life lithium batteries included. 2-second delay on panic alarm. Multifunction clip included. Supervised. UL/ULC, FCC/IC listed.



Part # WS4938

SKYROUTE™ Wireless Communicators

Cellular-based transceivers take security communications to new heights. SKYROUTE™ transceivers provide an affordable wireless alarm communication alternative to phone lines, protecting against accidental line cuts caused by storms, construction or deliberate tampering by an intruder. Transceivers connect to virtually any control panel and are simple and easy to install and program. Signals are transmitted over an established digital cellular network controlled channel to a DSC signal clearing house that in turn transmits the signal to a central monitoring station. However, unlike other cellular-based systems, DSC verifies the alarm signal has been transmitted before sending a confirmation signal back to the premises.



Wireless Transceiver for PowerSeries™

Alarm communications via cellular data service. Compatible with all PowerSeries control panels. Connects to KEYBUS and bell circuit. Installs directly into existing control panel cabinet. Power provided by existing control panel. Fully supervised.

Part # SKYROUTE

Wireless Transceiver for MAXSYS®

Alarm communications via cellular data service. Compatible with MAXSYS® PC4020. Installs directly into existing control panel cabinet. Power provided by existing control panel. Fully supervised.

Part # SKYROUTEMAX

Universal Wireless Transceiver

Alarm communications via cellular data service. 3 operational modes. Connects to virtually any control panel. Expandable to 8 24-hour zones. Auto-sensing program mode. AC or DC operation.

Part # SKYROUTE CL3050

ConcourseEXP™ Cabinets

Provide seamless integration of PowerSeries™ or MAXSYS® control panels and modules. 14.25" x 14.25" x 4" (36 x 36 x 10cm).

Part # HS-CAB1000



Security/CCTV - Intrusion Detection

DSC™

DSC™

ConcoursePRO™ Security Panels

DSC Security Mounting Bracket: Mounts on RCS14 and RCS36 universal equipment panels. Accommodates the following DSC security modules: PC580HS, PC1555HS, PC5010HS, PC5020HS, PC5204, PC5580TC. Accommodates the DSC T-Link TL250 Internet Alarm Communicator. RCS36 Security Mounting Panel: Mounts in top or bottom of RCS36 enclosure in place of cover plate included with RCS36 equipment panel and video patch panel.



Part #	Description
PC580HS	4-32 Zone control panel
PC1555HS	6-32 Zone control panel
PC5010HS	8-32 Zone control panel
PC5020HS	8-64 Zone control panel
1479518-1	DSC security mounting bracket
1479540-1	RCS36 security mounting panel
PC5204	Programmable output module
PC5580TC	Telephone control and automation module
T-Link TL250	Internet alarm communicator

PowerSeries™ Optional System Keypads

To meet the demands of any application, a variety of keypads are available for PowerSeries control panels, everything from simple LED keypads to programmable LCD keypads with integrated wireless receivers. And with standard features like simple one-button activation of five programmable function keys, they are easy to use.



8 Zone LED Keypad

LED status lights for zones, status functions. 5 programmable function keys. Zone input.

Part # PC1555RKZ

8/16/32 Zone LED Keypad

LED status lights for zones, status functions. 5 programmable function keys. Zone input.

Part #	Description
PC5508Z	8 zones
PC5516Z	16 zones

Fixed-Message LCD Keypad

Large, fixed-message LCD - auto-scroll open and alarm zones. 5 programmable function keys. Built-in configurable input/output terminal. Clock display. Programmable door chime - 4 options, programmable by zone. Multiple languages: English, French, Spanish and ICON.

Part # LCD5501Z

Fixed-Message LCD Keypad with Integrated 433 MHz Wireless Receiver

Integrated zone input/PGM output. Dedicated PGM output. Integrated temperature sensor. 32 wireless zones. 16 wireless keys without using a zone slot. 5 programmable keys for simple 1 button activation of system functions. Available in white or black lenses.

Part # RF5501-433

ICON LCD Keypad

Large ICON LCD display - auto-across open and alarm zones. 4 programmable function keys. Clock display. Large buttons. Easily identified fire, emergency and panic buttons. Integrated low temperature detector. Built-in configurable input/output terminal.

Part # LCD5511

PowerSeries™ Optional System Keypads (cont.)

Programmable-Message LCD Keypad

Large, backlit, 2-line, 32-character display. Plain language display of zone status, system status, trouble conditions, event buffer, system instructions, date and time. Auto-scroll open and alarm zones. Zone input. 5 programmable function keys. Multiple languages: English, French, Spanish.

Part # LCD5500Z

PowerSeries™ Zone Expansion and Status Modules

The strength of the PowerSeries control panel is its modular design. In addition to the hardwire zone input included with all keypads, several modules are available for hardwire, wireless and addressable zone expansion. The ability to add different technology modules to the same control panel gives you the tools to handle even the most challenging applications.

8 Hardwire Zone Expander

Adds 8 hardwire zones. AUX power, 125 mA (PTC protected). Compatible with the Power832 and Power864 control panels.



Part # PC5108

Wireless Receiver

Supports 32 wireless zones, 16 wireless keys. All wireless detectors are fully supervised for communication integrity. Easy detector enroll process. Compatible with all PowerSeries control panels.



Part # PC5132-433

Programmable-Message LCD Keypad

Connect up to 16 keypads. Large, backlit, 2-line 32-character display. Plain-language display of zone status, system status, trouble conditions, event buffer, system instructions, date and time. Ready, Armed and Trouble LEDs. 5 programmable function keys. 4 keypad-activated alarms: panic, auxiliary, fire, duress. Backlight boost.

Part # LCD4501

Force2™ Dual Technology PIR/Microwave Detectors

Force2™ combines two proven motion detector technologies in to one package, the perfect integration of PIR and microwave. The advanced and reliable PIR detector and DRO microwave systems are designed to operate as high-quality motion detectors. The microprocessor combines these technologies, using digital PIR and microwave signal analysis, to provide "intelligence" for eliminating "single detector" false alarms. Patented Multi-Level Signal Processing (MLSP). MOV transient/static protection. Exceptional white light immunity. Digital temperature compensation. Adjustable microwave detection pattern to match room size. Form 'A' alarm contact.

Part # FS-200

FSA-210 Series - 2-Wire Smoke Detectors

Automatic drift compensation. Built-in, dual-sensor heat detector (option). Built-in 85 dB horn (option). Easy-maintenance removable chamber. Interconnectable using PRM-2W polarity reversal module. Non-contact sensitivity testing with FSD-100 handheld test meter. Low-profile design. Local test button. UL/ULC/CSFM/MEA listed for commercial and residential applications.



Part #	Description
FSA-210(x)	2-wire photoelectric smoke detector
FSA-210(x)T	2-wire photoelectric smoke detector with heat detector

Security/CCTV - Intrusion Detection

DSC™

Acuity™ Glassbreak Detectors

Acuity™ glassbreak detectors have built-in intelligence making them "smart" enough to discern the sound of breaking glass from common sounds found in homes and businesses. With their high-performance microphones and advanced micro-processor-based Digital Sound Analysis (DSA), they can hear all types of breaking framed glass - plate, laminated, tempered and safety - up to 25' away. And with wall- and ceiling-mount models, there's an Acuity™ for any application



Part #	Description
AC-100	Wall-mount Form 'A' alarm contact
AC-500	Ceiling-mount Form 'A' alarm contact

Bravo®6 Twin, Dual-Element Pet-Immune PIRs

Bravo®6 is not only an exceptional pet-immune detector, it also provides excellent false alarm immunity in the harshest environments. With its twin, dual-element PIR detectors, unique lens and advanced digital signal analysis, it provides accurate detection while ignoring common false alarm situations, including pets. Digital signal for consistent detection throughout the coverage pattern. Digital temperature compensation for improved catch performance at critical temperatures. Patented Multi-Level Signal Processing (MLSP) for accuracy detection of human IR over a broad range of temperatures. Sensitivity adjustment to configure the detector for normal or hostile environments. High-level static and transient protection. Exceptional white light immunity. Excellent RF immunity.

Part #	Description
BV-600	Form 'A' alarm contact
BV-601	Form 'A' alarm contact and tamper switch
BV-602	Form 'C' alarm contact and tamper switch

Bravo®5 Passive Infrared Detectors

BV-500: Signal analysis for consistent detection throughout the coverage pattern. Temperature compensation for improved catch performance at critical temperatures. Patented Multi-Level Signal Processing (MLSP) for accurate detection of human IR over a broad range of temperatures. Sensitivity adjustment to configure the detector for normal or hostile environments. High-level static and transient protection. Exceptional white light immunity. Excellent RF immunity.

Part # BV-500

Addressable Photoelectric Smoke Detectors

'T' model has built-in heat detector: -135°F (57°C) fixed temperature heat sensor. Manual and programmable test for communication. Automatic low sensitivity test. Built-in tamper switch.



Part # AMS-220

Digital Bravo®3 PIR Motion Detectors

Elevates detection capabilities and false alarm prevention features to a new level of reliability using the most advanced technology in motion detection available today. Digital processing provides superior analysis of detected signals because the digital information can be more accurately analyzed using software, and is not subject to signal degradation caused by amplification, noise, distortion or signal clipping.

Part #	Description
BV-300D	Form 'A' alarm contact
BV-301D	Form 'A' alarm contact and tamper switch
BV-302D	Form 'C' alarm contact and tamper switch
BV-300DP	Form 'A' alarm contact
BV-301DP	Form 'A' alarm contact and tamper switch
BV-302DP	Form 'C' alarm contact and tamper switch

DSC™

Wireless Products - 433 MHz Detectors and Devices

When hardwiring a detector is impossible, or if time is an issue, look towards DSC wireless security.



Wireless Photoelectric Smoke Detector

Low profile design. Automatic drift compensation. High/Low sensitivity reporting. Built-in, dual sensor heat detector -135°F (57°C). Easy maintenance removable chamber. Local test button. Built-in 85 dB horn. Non-contant sensitivity testing with FSD-100 test meter. UL listed 268 / ULC listed S531 for commercial and residential applications.

Part # WS4916

Wireless Door/Window Contact

Built-in reed switch. Normally closed external contact input. 1 lithium battery included. FCC/IC, UL/ULC listed.

Part # WLS925L-433

Wireless Passive Infrared Detector

Based on the Bravo® 3D hardwire motion detector. High-traffic shutdown. Pet immunity up to 60 lbs (27 kg). 1 lithium battery included. FCC/IC, UL/ULC listed.



Part # WLS904-PL-433

Wireless Mini Door/Window Contact

Small, compact design. Long-life lithium coin cell battery included. Pre-installed battery with activation pull tab. 5/8" (16mm) maximum magnet gap. Multiple mounting options (screws and double-sided tape included). Case tamper (optional wall tamper). UL/ULC and FCC listed.

Part # WS4955

Wireless Glassbreak Detector

Based on the Acuity™ glassbreak detector. Tamper-activated test mode. 2 lithium batteries included.



Part # WLS912L-433



This is just a sampling of what we have to offer.

Ask us if you don't see what you're looking for.

