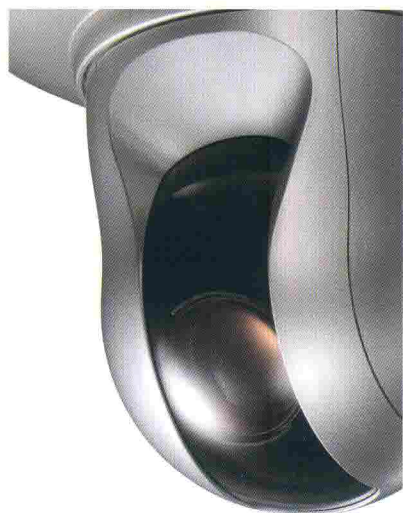


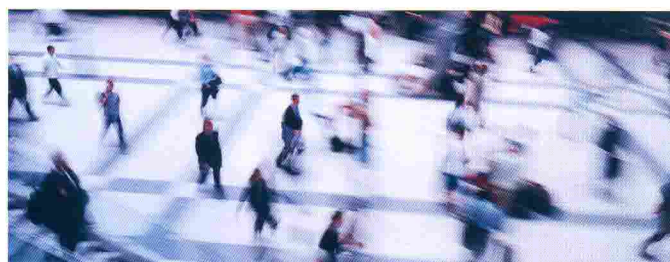
Panasonic

ideas for life

2010
OCTOBER



SURVEILLANCE AND MONITORING SYSTEMS LINEUP



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






















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Feature names

 High Definition	 H.264, MPEG-4 and JPEG supported	 H.264 and JPEG supported	 MPEG-4 and JPEG supported	 MPEG-4 supported
 36x Extra Optical Zoom	 30x Optical Zoom	 22x Optical Zoom	 21x Optical Zoom	 2.3x Optical Zoom
 Face Detection	 Face Matching	 Auto Back Focus	 Wireless Communication	 Human Detection Sensor
 Cell Phone Monitoring	 True Day/Night	 IP66 Water and Dust Resistance: IP66	 Sound Detection	 Color Night View Mode
 Built-in LED Light	 Simple Day/Night	 Intelligent-Video Motion Detection	 Shock Detection	

Dome Network Cameras

Super Dynamic
Weather Resistant HD Dome Network Camera

WV-SW395

(24 V AC or PoE Plus: NTSC, PAL)
Launches in January



ONVIF



Optional Accessory



- 720p HD images up to 30 fps
- Newly developed 1.3 Megapixel double speed MOS Sensor
- High resolution recording by "UniPhier[®]"
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- High sensitivity: 0.5 lx (Color), 0.06 lx (B/W) at F1.6 (Wide) / 0.031 lx (Color), 0.004 lx (B/W) at F1.6 (Wide) with Sens Up 16x
- **Super Dynamic** 128x wider dynamic range
- **Face Super Dynamic** technology ensures clear face image.
- 18x optical zoom with 12x digital zoom enabling 216x zoom.
- 36x extra optical zoom under VGA resolution with 12x digital zoom enabling 432x zoom.
- Panning with auto flip function can be performed 0 to 360 degrees
- Supports Power over Ethernet Plus (PoE+) IEEE 802.3af (does not support IEEE 802.3af)
- Dehumidification device for use in various weather conditions
- ONVIF compliant model

Super Dynamic III
Weather Resistant Dome Network Camera

WV-NW960 Series

WV-NW960 (220 V -240 V AC: PAL)
WV-NW964 (24 V AC: NTSC, PAL)



Optional Accessory



- MPEG-4 and JPEG dual stream output at VGA image size with up to 30 ips
- High sensitivity: 0.5 lx (Color), 0.04 lx (B/W) at F1.4 (Wide) / 0.02 lx (Color), 0.0013 lx (B/W) at F1.4 (Wide) with Sens Up 32x
- **Super Dynamic III** 128x wider dynamic range
- IP66 rated water and dust resistant
- 30x (3.8 mm ~ 114 mm) zoom lens with 10x digital zoom
- Auto tracking capability
- Progressive Output

Super Dynamic III
Day/Night Dome Network Camera

WV-NS202A

(12 V DC or PoE: NTSC, PAL)



Optional Accessories



- MPEG-4 and JPEG dual stream output at VGA image size with up to 30 ips
- High sensitivity: 0.7 lx (Color), 0.5 lx (B/W) at F1.6 (Wide) / 0.02 lx (Color), 0.015 lx (B/W) at F1.6 (Wide) with Sens Up 32x
- **Super Dynamic III** 128x wider dynamic range
- 22x zoom lens with 10x digital zoom
- Auto tracking capability
- Progressive Output
- Power over Ethernet (PoE) IEEE 802.3af

Super Dynamic
HD Dome Network Camera

WV-SC385

(12 V DC or PoE: NTSC, PAL)



ONVIF

Optional Accessories



- 720p HD images up to 30 fps
- Newly developed 1.3 Megapixel double speed MOS Sensor
- High resolution recording by "UniPhier[®]"
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- High sensitivity: 0.5 lx (Color), 0.06 lx (B/W) at F1.6 (Wide) / 0.031 lx (Color), 0.004 lx (B/W) at F1.6 (Wide) with Sens Up 16x
- **Super Dynamic** 128x wider dynamic range
- **Face Super Dynamic** technology ensures clear face image.
- 18x optical zoom with 12x digital zoom enabling 216x zoom.
- 36x extra optical zoom under VGA resolution with 12x digital zoom enabling 432x zoom.
- Panning with auto flip function can be performed 0 to 360 degrees
- Supports Power over Ethernet (PoE) IEEE 802.3af
- Desktop/Ceiling position choice and various optional brackets for versatile installations
- ONVIF compliant model

Super Dynamic III
Day/Night Dome Network Camera

WV-NS950 Series

WV-NS950 (220 V -240 V AC: PAL)
WV-NS954 (24 V AC: NTSC, PAL)



Optional Accessories



- MPEG-4 and JPEG dual stream output at VGA image size with up to 30 ips
- High sensitivity: 0.5 lx (Color), 0.04 lx (B/W) at F1.4 (Wide) / 0.02 lx (Color), 0.0013 lx (B/W) at F1.4 (Wide) with Sens Up 32x
- **Super Dynamic III** 128x wider dynamic range
- 30x (3.8 mm ~ 114 mm) zoom lens with 10x digital zoom
- Auto tracking capability
- Progressive Output

Dome Network Camera

BB-HCM581/HCM580

BB-HCM581(12 V DC or PoE: NTSC, PAL)
BB-HCM580(12 V DC: NTSC, PAL)



Optional Accessory



- 21x zoom lens with 2x Digital Zoom
- MPEG-4 and JPEG dual stream output
- Image Transfer Function
- Remote Pan and Tilt Control
- Multi-camera Capability
- SD Memory Card Recording
- Progressive Scan
- Audio 2-way Communication (BB-HCM581 only)
- Analog Video Output (NTSC/PAL)
- Power over Ethernet (PoE) IEEE 802.3af (BB-HCM581 only)
- Cell Phone Monitoring

★ When you use more than one(1) PCs to see any moving image by MPEG-4, you are requested to buy User License Accessory (Item No. BB-HCA5) additionally.
Models: BB-HCM581/ BB-HCM580

Fixed Dome Network Cameras

HD Fixed Dome Network Camera

WV-SF336

(12 V DC or PoE: NTSC, PAL)



- 720p HD images up to 30 fps
- Progressive scan 1.3 Megapixel MOS Sensor
- High resolution recording by "UniPhier[®]"
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- High sensitivity: 0.3 lx (Color), 0.2 lx (B/W) at F1.3 (Wide) / 0.019 lx (Color), 0.013 lx (B/W) at F1.3 with Sens Up 16x
- Wide Dynamic Range and ABS (Adaptive Black Stretch) technologies deliver wider dynamic range compared with conventional cameras.
- Face Wide Dynamic Range technology ensures clear face image.
- Dual H.264 / MPEG-4 and JPEG simultaneous stream output
- Power over Ethernet (PoE) IEEE 802.3af
- ABF (Auto Back Focus) ensures easy installation and stable focus in both color and B/W modes.

HD Fixed Dome Network Camera

WV-SF335

(12 V DC or PoE: NTSC, PAL)



- 720p HD images up to 30 fps
- Progressive scan 1.3 Megapixel MOS Sensor
- High resolution recording by "UniPhier[®]"
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- High sensitivity: 0.3 lx (Color), 0.2 lx (B/W) at F1.3 (Wide) / 0.019 lx (Color), 0.013 lx (B/W) at F1.3 with Sens Up 16x
- Wide Dynamic Range and ABS (Adaptive Black Stretch) technologies deliver wider dynamic range compared with conventional cameras.
- Face Wide Dynamic Range technology ensures clear face image.
- Dual H.264 / MPEG-4 and JPEG simultaneous stream output
- Power over Ethernet (PoE) IEEE 802.3af

Fixed Dome Network Camera

WV-SF332

(12 V DC or PoE: NTSC, PAL)



- Progressive scan 1.3 Megapixel MOS Sensor
- High resolution recording by "UniPhier[®]"
- Up to 30 fps at SVGA/800 x 600 image size
- High sensitivity: 0.2 lx (Color), 0.13 lx (B/W) at F1.3 (Wide) / 0.013 lx (Color), 0.009 lx (B/W) at F1.3 with Sens Up 16x
- Wide Dynamic Range and ABS (Adaptive Black Stretch) technologies deliver wider dynamic range compared with conventional cameras.
- Face Wide Dynamic Range technology ensures clear face image.
- Dual H.264 / MPEG-4 and JPEG simultaneous stream output
- Power over Ethernet (PoE) IEEE 802.3af

Optional Accessories for SF336 / SF335 / SF332

Embedded Ceiling Mount Bracket (AV-light gray) WV-Q168 	Embedded Ceiling Mount Bracket (Sail white) WV-Q174 	Smoke Dome Cover WV-CF55 	Ceiling Mount Bracket WV-Q105 (for PAL only) 
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Super Dynamic
HD Vandal Resistant
Fixed Dome Network Camera

WV-NW502S

(12 V DC or PoE: NTSC, PAL)



- 1,080p HD images up to 15 fps / 720p HD images up to 30 fps
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size*
- High sensitivity: 1.0 lx (Color), 0.08 lx (B/W) at F1.2 (Wide) / 0.06 lx (Color), 0.005 lx (B/W) at F1.2 (Wide) with Sens Up 16x*
- **Super Dynamic** 128x wider dynamic range
- **Face Super Dynamic** technology ensures clear face image
- Up to 2,048 x 1,536 JPEG stream
- Dual H.264 / MPEG-4 and JPEG simultaneous stream output
- ABF (Auto Back Focus) and ABS (Adaptive Black Stretch)
- Progressive Output
- Power over Ethernet (PoE) IEEE 802.3af

*1.3 Megapixel mode

Optional Accessories

Embedded Ceiling Mount Bracket WV-Q169 	Smoke Dome Cover WV-CW4S 
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Fixed Dome Network Camera

WV-NF302

(12 V DC or PoE: NTSC, PAL)



- MPEG-4/JPEG digital signal output at VGA image size with up to 30 ips
- Progressive scan 1.3 megapixel CCD
- High sensitivity: 1.5 lx (Color), 0.9 lx (B/W) at F1.3 (Wide)
- 1,280 x 960 Megapixel high quality image
- 2.8 mm ~10 mm, 3.6x varifocal lens built-in
- MPEG-4 and JPEG dual stream output
- ABS (Adaptive Black Stretch) enhances the visibility of dark area
- Focus assist for accurate focus and easy installation
- Power over Ethernet (PoE) IEEE 802.3af

Optional Accessories

Embedded Ceiling Mount Bracket WV-Q173 	Smoke Dome Cover WV-NF5S 
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Super Dynamic III
Vandal Resistant
Fixed Dome Network Camera
WV-NW484S
(24 V AC or 12 V DC or PoE: NTSC, PAL)



- MPEG-4 and JPEG dual stream output at VGA image size with up to 30 ips
- High sensitivity: 0.6 lx (Color), 0.08 lx (B/W) at F1.4 (Wide) / 0.019 lx (Color), 0.003 lx (B/W) at F1.4 (Wide) with Sens Up 32x
- Super Dynamic III 128x wider dynamic range
- 2x (3.8 mm ~ 8.0 mm) varifocal lens built-in
- IP66 rated water and dust resistant
- ABF (Auto Back Focus) adjustment
- Progressive Output
- Power over Ethernet (PoE) IEEE 802.3af

Optional Accessories

<p>Embedded Ceiling Mount Bracket WV-Q169</p>	<p>Heater Unit WV-CW4H</p>
<p>Clear Dome Cover WV-CW4C (for NTSC only)</p>	<p>Smoke Dome Cover WV-CW4S (for PAL only)</p>

Fixed Dome Network Camera
WV-NF284
(24 V AC or 12 V DC or PoE: NTSC, PAL)



- MPEG-4 and JPEG dual stream output at VGA image size with up to 30 ips
- High sensitivity: 1.5 lx (Color) at F1.3 (Wide) / 0.09 lx (Color) at F1.3 (Wide) with Sens Up 16x
- 3.6x (2.8 mm ~ 10 mm) varifocal lens built-in
- Progressive Output
- Power over Ethernet (PoE) IEEE 802.3af

Optional Accessories

<p>Embedded Ceiling Mount Bracket WV-Q167</p>	<p>Smoke Dome Cover WV-CF4S</p>
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Dome Network Cameras

Fixed Dome Network Camera
BB-HCM705
(12 V DC or PoE: NTSC, PAL)



- Extra Zoom Function
- H.264 and JPEG dual stream output
- Compact size and good conformity with the ceiling
- Easy installation on ceiling / wall
- Sound Detection & Shock Detection Sensor
- Preset sequence
- 2x2 pixel binning
- Multi-camera capability
- Power over ethernet (PoE) IEEE 802.3af
- SDHC/SD Memory Card Recording
- Cell Phone Monitoring

Optional Accessories

<p>Ceiling Flush Mount Bracket BB-HCA11</p>
<p>AC adaptor BB-HCA7 NTSC Input 100 V -120 V AC, 50/60 Hz Output 12 V DC, 750 mA</p> <p>PAL Input 100 V -240 V AC, 50/60 Hz Output 12 V DC, 750 mA</p>

Fixed Dome Network Camera
BB-HCM701
(12 V DC or PoE: NTSC, PAL)



- H.264 and JPEG dual stream output
- 3x Digital Zoom Function (by area)
- Compact size and good conformity with the ceiling
- Easy installation on ceiling / wall
- Sound Detection and Shock Detection Sensor
- Multi-camera capability
- Power over ethernet (PoE) IEEE 802.3af
- SDHC/SD Memory Card recording
- Cell Phone Monitoring

Optional Accessories

<p>Ceiling Flush Mount Bracket BB-HCA11</p>
<p>AC adaptor BB-HCA7 NTSC Input 100 V -120 V AC, 50/60 Hz Output 12 V DC, 750 mA</p> <p>PAL Input 100 V -240 V AC, 50/60 Hz Output 12 V DC, 750 mA</p>

Dome Network Camera
BB-HCM547
(12 V DC or PoE: NTSC, PAL)



- MPEG-4 and JPEG dual stream output
- 2.3x Optical Zoom, 2x Digital Zoom
- Remote Pan and Tilt control
- Audio 2-Way communication
- SDHC/SD Memory Card recording
- Splash-resistant body
- Analog video Output (NTSC/PAL)
- Power over ethernet (PoE) IEEE 802.3af
- Cell Phone Monitoring

Optional Accessories

<p>AC adaptor BB-HCA3 NTSC Input 120 V AC, 60 Hz Output 12 V DC, 0.75 A</p> <p>PAL Input 100 V - 240 V, 50/60 Hz Output 12 V DC, 750 mA</p>
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Dome Network Camera
BB-HCM527
(12 V DC or PoE: NTSC, PAL)



- MPEG-4 and JPEG dual stream output
- 2.3x Optical Zoom, 2x Digital Zoom
- Remote Pan and Tilt control
- Audio 2-Way communication
- SDHC/SD Memory Card recording
- Analog video output (NTSC/PAL)
- Multi-camera capability
- Power over ethernet (PoE) IEEE 802.3af
- Cell Phone Monitoring

Optional Accessories

<p>Ceiling Flush Mount Bracket BB-HCA10</p>	<p>AC adaptor BB-HCA3 NTSC Input 120 V AC, 60 Hz Output 12 V DC, 0.75 A</p> <p>PAL Input 100 V - 240 V, 50/60 Hz Output 12 V DC, 750 mA</p>
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*When you use more than one(1) PCs to see any moving image by H.264, you are requested to buy User License Accessory (Item No. BB-HCA8) additionally.
Models: BB-HCM705 / BB-HCM701

*When you use more than one(1) PCs to see any moving image by MPEG-4, you are requested to buy User License Accessory (Item No. BB-HCA5) additionally.
Models: BB-HCM705 / BB-HCM701 / BB-HCM547 / BB-HCM527

Fixed Network Cameras

HD Network Camera
WV-SP105
(12 V DC or PoE: NTSC, PAL)



Network Camera
WV-SP102
(12 V DC or PoE: NTSC, PAL)



- 720p HD images up to 30 fps
- Progressive scan 1.3 Megapixel MOS Sensor
- Multiple H.264 (High Profile) streams by "UniPhier®"
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- High sensitivity : 0.8 lx (Color), 0.4 lx (B/W) at F2.2 / 0.05 lx (Color), 0.03 lx (B/W) at F2.2 (Wide) with Sens Up 16x
- 2x extra zoom under VGA resolution
- Dual H.264 and JPEG simultaneous stream output
- Power over Ethernet (PoE) IEEE 802.3af



- Progressive scan 320,000 Pixel MOS Sensor
- Multiple H.264 (High Profile) streams by "UniPhier®"
- Full frame (Up to 30 fps) transmission at VGA(640 x 480) image size
- High sensitivity : 2.0 lx (Color), 1.3 lx (B/W) at F2.0 / 0.3 lx (Color), 0.16 lx (B/W) at F2.0 (Wide) with Sens Up 8x
- Dual H.264 and JPEG simultaneous stream output
- Power over Ethernet (PoE) IEEE 802.3af

HD Network Camera
WV-SP306
(12 V DC or PoE: NTSC, PAL)



Lens: optional



- 720p HD images up to 30 fps
- Progressive scan 1.3 Megapixel MOS Sensor
- Multiple H.264 (High Profile) streams by "UniPhier®"
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- High sensitivity: 0.3 lx (Color), 0.05 lx (B/W) at F1.4 / 0.019 lx (Color), 0.003 lx (B/W) at F1.4 with Sens Up 16x
- Wide Dynamic Range and ABS (Adaptive Black Stretch) technologies deliver wider dynamic range compared with conventional cameras.
- Face Wide Dynamic Range technology ensures clear face Image.
- Dual H.264 / MPEG-4 and JPEG simultaneous stream output
- Power over Ethernet (PoE) IEEE 802.3af

Optional Accessory

1/3 type High Resolution 2x Variofocal Lens
WV-LZA62/2
(2.8 mm - 6 mm)
F1.4 (wide)
F2.1 (tele)



HD Network Camera
WV-SP305
(12 V DC or PoE: NTSC, PAL)



Lens: optional



- 720p HD images up to 30 fps
- Progressive scan 1.3 Megapixel MOS Sensor
- Multiple H.264 (High Profile) streams by "UniPhier®"
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size
- High sensitivity: 0.3 lx (Color), 0.2 lx (B/W) at F1.4 / 0.019 lx (Color), 0.013 lx (B/W) at F1.4 with Sens Up 16x
- Wide Dynamic Range and ABS (Adaptive Black Stretch) technologies deliver wider dynamic range compared with conventional cameras.
- Face Wide Dynamic Range technology ensures clear face Image.
- Dual H.264 / MPEG-4 and JPEG simultaneous stream output
- Power over Ethernet (PoE) IEEE 802.3af

Optional Accessory

1/3 type High Resolution 2x Variofocal Lens
WV-LZA62/2
(2.8 mm - 6 mm)
F1.4 (wide)
F2.1 (tele)



Network Camera
WV-SP302
(12 V DC or PoE: NTSC, PAL)



Lens: optional



- Progressive scan 1.3 Megapixel MOS Sensor
- Multiple H.264 (High Profile) streams by "UniPhier®"
- Up to 30 fps at SVGA/800 x 600 image size
- High sensitivity: 0.2 lx (Color), 0.13 lx (B/W) at F1.4 / 0.013 lx (Color), 0.009 lx (B/W) at F1.4 with Sens Up 16x
- Wide Dynamic Range and ABS (Adaptive Black Stretch) technologies deliver wider dynamic range compared to conventional cameras.
- Face Wide Dynamic Range technology ensures clear face Image.
- Dual H.264 / MPEG-4 and JPEG simultaneous stream output
- Power over Ethernet (PoE) IEEE 802.3af

Optional Accessory

1/3 type High Resolution 2x Variofocal Lens
WV-LZA62/2
(2.8 mm - 6 mm)
F1.4 (wide)
F2.1 (tele)



Super Dynamic HD Network Camera
WV-NP502
(12 V DC or PoE: NTSC, PAL)



Lens: optional



- 1,080p HD images up to 15 fps / 720p HD images up to 30 fps
- Full frame (Up to 30 fps) transmission at 1,280 x 960 image size*
- High sensitivity: 1.0 lx (Color), 0.08 lx (B/W) at F1.4 / 0.06 lx (Color), 0.005 lx (B/W) at F1.4 (Wide) with Sens Up 16x*
- **Super Dynamic** 128x wider dynamic range
- **Face Super Dynamic** technology ensures clear face image
- Up to 2,048 x 1,536 JPEG stream
- Dual H.264 / MPEG-4 and JPEG simultaneous stream output
- ABF (Auto Back Focus) and ABS (Adaptive Black Stretch)
- Progressive Output
- Power over Ethernet (PoE) IEEE 802.3af

Optional Accessory

1/3 type High Resolution 2x Variofocal Lens
WV-LZA62/2
(2.8 mm - 6 mm)
F1.4 (wide)
F2.1 (tele)



* 1.3 Megapixel mode

Network Camera

WV-NP304

(24 V AC or 12 V DC or PoE: NTSC, PAL)

Lens: optional



- MPEG-4/JPEG digital signal output at VGA image size with up to 30 ips
- Progressive scan 1.3 megapixel CCD
- High sensitivity: 1.5 lx (Color), 0.9 lx (B/W) at F1.4
- 1,280 x 960 Megapixel high quality image
- MPEG-4 and JPEG dual stream output
- ABS (Adaptive Black Stretch) enhances the visibility of dark area
- Focus assist for accurate focus and easy installation
- Power over Ethernet (PoE) IEEE 802.3af

Optional Accessory

1/3 type High Resolution 2x Varifocal Lens
WV-LZA62/2
 (2.8 mm - 6 mm)
 F1.4 (wide)
 F2.1 (tele)



Network Camera

WV-NP240 Series

WV-NP240
 (220 V -240 V AC or PoE: PAL)
 WV-NP244
 (24 V AC or 12 V DC or PoE: NTSC, PAL)

Lens: optional



- MPEG-4 and JPEG dual stream output at VGA image size with up to 30 ips
- High sensitivity: 1.5 lx (Color) at F1.4 / 0.09 lx (Color) at F1.4 with Sens Up 16x
- Progressive Output
- Power over Ethernet (PoE) IEEE 802.3af

Network Cameras

Network Camera

BB-HCM735

(12 V DC or PoE: NTSC, PAL)



- Extra Zoom Function
- IP55 rated water and dust resistant
- H.264 and JPEG dual stream output
- Sound Detection & Shock Detection Sensor
- Remote Pan and Tilt control
- Preset sequence
- 2x2 pixel binning
- Power over Ethernet (PoE) IEEE 802.3af
- SDHC/SD Memory Card recording
- Analog video output (NTSC/PAL)
- Cell Phone Monitoring

Optional Accessories

AC adaptor
BB-HCA7
 NTSC
 Input 100 V -120 V AC, 50/60 Hz
 Output 12 V DC, 750 mA

PAL
 Input 100 V -240 V AC, 50/60 Hz
 Output 12 V DC, 750 mA



Network Camera

BB-HCM715

(12 V DC or PoE: NTSC, PAL)



- Extra Zoom Function
- H.264 and JPEG dual stream output
- Sound Detection & Shock Detection Sensor
- Remote Pan and Tilt control
- Preset sequence
- 2x2 pixel binning
- Power over Ethernet (PoE) IEEE 802.3af
- SDHC/SD Memory Card recording
- Analog video output (NTSC/PAL)
- Cell Phone Monitoring

Optional Accessories

AC adaptor
BB-HCA7
 NTSC
 Input 100 V -120 V AC, 50/60 Hz
 Output 12 V DC, 750 mA

PAL
 Input 100 V -240 V AC, 50/60 Hz
 Output 12 V DC, 750 mA



Network Camera

BB-HCM531

(12 V DC or PoE: NTSC, PAL)



- MPEG-4 and JPEG dual stream output
- 10x Digital Zoom
- Splash-resistant body
- Remote Pan and Tilt control
- Audio 2-Way communication
- Power over Ethernet (PoE) IEEE 802.3af
- SDHC/SD Memory Card recording
- Analog video output (NTSC/PAL)
- Cell Phone Monitoring

Optional Accessories

AC adaptor
BB-HCA3
 NTSC
 Input 120 V AC, 60 Hz
 Output 12 V DC, 750 mA

PAL
 Input 100 V - 240 V, 50/60 Hz
 Output 12 V DC, 750 mA



Network Camera

BB-HCM511

(12 V DC or PoE: NTSC, PAL)



- MPEG-4 and JPEG dual stream output
- 10x Digital Zoom
- Remote Pan and Tilt control
- Audio 2-Way communication
- Power over Ethernet (PoE) IEEE 802.3af
- SDHC/SD Memory Card recording
- Analog video output (NTSC/PAL)
- Cell Phone Monitoring

Optional Accessories

AC adaptor
BB-HCA3
 NTSC
 Input 120 V AC, 60 Hz
 Output 12 V DC, 750 mA

PAL
 Input 100 V - 240 V, 50/60 Hz
 Output 12 V DC, 750 mA



* When you use more than one(1) PCs to see any moving image by H.264, you are requested to buy User License Accessory (Item No. BB-HCA8) additionally.
 Models: BB-HCM735 / BB-HCM715

* When you use more than one(1) PCs to see any moving image by MPEG-4, you are requested to buy User License Accessory (Item No. BB-HCA5) additionally.
 Models: BB-HCM735 / BB-HCM715 / BB-HCM531 / BB-HCM511

Network Cameras

Network Camera
BL-C230
(100 V -240 V AC: NTSC,
220 V -240 V AC: PAL)



- H.264 and JPEG dual stream output
- 3x Digital zoom function
- TV Connection*
- External input and output connector
- Sound Detection Sensor
- Privacy mode
- SSL support
- Wireless Communication (IEEE 802.11b/g)
- Remote Pan and Tilt control
- Multi-camera capability
- Cell Phone Monitoring

*For US model only

Network Camera
BL-C210
(100 V -240 V AC: NTSC,
220 V -240 V AC: PAL)



- H.264 and JPEG dual stream output
- 3x Digital zoom function(by area)
- TV Connection*
- External input connector
- Sound Detection Sensor
- Privacy mode
- SSL Support
- Remote Pan and Tilt control
- Multi-camera capability
- Cell Phone Monitoring

*For US model only

Network Camera
BL-C160
(100 V -240 V AC: NTSC,
220 V -240 V AC: PAL)



- MPEG-4 and JPEG dual stream output
- Built-in LED Light
- Outdoor Ready (IPX4)
- 10x Digital Zoom Function
- Built-in Human Detection Sensor
- Motion Detection Function
- Image Transfer Function
- Cell Phone Monitoring

Network Camera
BL-C140
(100 V -240 V AC: NTSC,
220 V -240 V AC: PAL)



- MPEG-4 and JPEG dual stream output
- Outdoor ready (IPX4)
- 10x Digital Zoom Function
- Motion Detection Function
- Image Transfer Function
- Color Night View Mode (3.00 lx)
- Cell Phone Monitoring

Network Camera
BL-C131
(100 V -240 V AC: NTSC,
220 V -240 V AC: PAL)



- MPEG-4 and JPEG dual stream output
- 10x Digital Zoom Function
- Built-in microphone
- Wireless LAN (802.11b/802.11g)
- Built-in Human Detection Sensor
- Privacy mode
- Remote Pan and Tilt control
- Cell Phone Monitoring

Network Camera
BL-C111
(100 V -240 V AC: NTSC,
220 V -240 V AC: PAL)



- MPEG-4 and JPEG dual stream output
- 10x Digital Zoom Function
- Built-in microphone
- Built-in Human Detection Sensor
- Privacy mode
- Remote Pan and Tilt control
- Cell Phone Monitoring

Network Camera
BL-C121
(100 V -240 V AC: NTSC,
220 V -240 V AC: PAL)



- MPEG-4 and JPEG dual stream output
- 10x Digital Zoom Function
- Wireless Communication (IEEE 802.11b/g)
- Built-in microphone
- Multi-camera capability
- Motion Detection Function
- External input and output connector
- Detection Notification Sound
- Cell Phone Monitoring

Network Camera
BL-C101
(100 V -240 V AC: NTSC,
220 V -240 V AC: PAL)



- MPEG-4 and JPEG dual stream output
- 10x Digital Zoom Function
- Built-in microphone
- Built-in Human Detection Sensor
- Privacy mode
- Remote Pan and Tilt control
- Cell Phone Monitoring

Network Camera
BL-C1
(100 V -240 V AC: NTSC,
220 V -240 V AC: PAL)



- 10x Digital Zoom
- Motion Detection
- Cell Phone Monitoring

*When you use more than one(1) PCs to see any moving image by H.264, you are requested to buy User License Accessory (Item No. BB-HCA8) additionally.
Models: BL-C230 / BL-C210

*When you use more than one(1) PCs to see any moving image by MPEG-4, you are requested to buy User License Accessory (Item No. BB-HCA5) additionally.
Models: BL-C230 / BL-C210 / BL-C160 / BL-C140 / BL-C131 / BL-C111 / BL-C121 / BL-C101

● Network Video Recorders

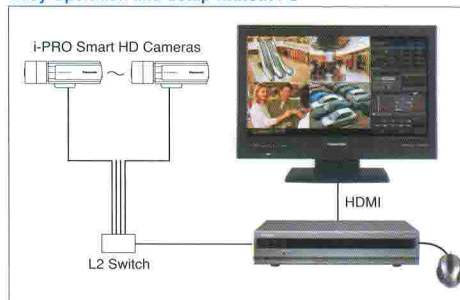
Network Disk Recorder
WJ-NV200

(120 V AC: NTSC, 220 V -240 V AC: PAL)



- H.264, MPEG-4 and JPEG multi format
- Up to 16 network cameras can be connected and recorded.
- Quick setup by automatic camera detection and simple setup wizard without the use of PC
- Simple mouse operation by new GUI without the use of PC
- Supports the Full HD output (HDMI)
- Real Time Face Matching function by matching registered face images with a face displayed on live images
- Plan to support ONVIF early 2011

Easy Operation and Setup without PC



Network Disk Recorder
WJ-ND400

(120 V AC: NTSC, 220-240 V AC: PAL)



RSA BSAFE™
RSA and BSAFE are either registered trademarks or trademarks of RSA Security Inc. in the U.S.

- H.264, MPEG-4 and JPEG multi format
- Up to 64 network cameras can be connected and recorded (Video and Audio)
- Various Recording Mode: Manual, Schedule including Event (Pre/Post), Emergency
- VMD search (works with i-PRO cameras or WJ-NT314)
- Up to 54 HDD slots with 9 HDD slots in the main unit and five WJ-HDE400 optional Extension Units each with 9 HDD slots
- RAID5/6, Embedded OS, Data encryption for reliability

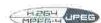
Optional Accessory

Hard Disk Extension Unit
WJ-HDE400



Network Disk Recorder
WJ-ND300A

(120 V AC: NTSC, 220-240 V AC: PAL)



- H.264, MPEG-4 and JPEG multi format
- Up to 32 network cameras can be connected and recorded
- Up to 8 clients can monitor images and control WJ-ND300A simultaneously
- RAID5 capability with optional WJ-NDB301 RAID5 Board
- Various Recording Mode: Manual, Schedule, Event (Pre/Post), Emergency

Optional Accessories

RAID5 Board
WJ-NDB301



Hard Disk Extension Unit
WJ-HDE300

(4 drive bays for optional HDD units)



Network Disk Recorder
WJ-ND200

(120 V AC: NTSC, 220-240 V AC: PAL)



- H.264, MPEG-4 and JPEG multi format
- Up to 16 network cameras can be connected and recorded
- Up to 4 clients can monitor images and control WJ-ND200 simultaneously
- RAID1 mirroring capability
- Various Recording Mode: Manual, Schedule, Event (Pre/Post), Emergency

Optional Accessories

Rack Mount Bracket
WV-Q200



Removable HDD
WJ-HDD50
(500 GB)



Network Video Encoder / Decoder

4 CH H.264 Video Encoder

WJ-GXE500

(12 V DC or PoE: NTSC, PAL)



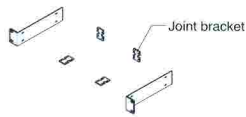
- Up to 4 analog cameras can be connected.
- Panasonic Camera Control
- Full frame H.264 transmission for each 4 channels
- Dual H.264 / MPEG-4 and JPEG simultaneous stream output at VGA/D1 image size
- Face detection function detects the position of human face (CH1 only)
- Progressive Output
- Bi-directional audio (1CH)
- Power over Ethernet (PoE) IEEE 802.3af

Optional Accessories

EIA 48.26 cm (19 inch) Rack Mount Bracket

WV-Q204/2S

(for mounting three WJ-GXE500)



Network Video Encoder

WJ-NT304 (limited quantity)

(12 V DC or 120 V AC adaptor attached: NTSC, 12 V DC or 220 V -240 V AC adaptor attached: PAL)

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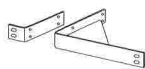
- Up to 4 analog cameras can be connected
- Panasonic camera control
- MPEG-4 and JPEG dual stream output at VGA image size with up to 30 ips
- Progressive Output
- Bi-directional audio (1CH)

Optional Accessories

EIA 48.26 cm (19 inch) Rack Mount Bracket

WV-Q204/1S

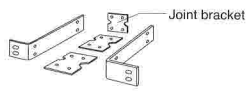
(for mounting one WJ-NT304)



EIA 48.26 cm (19 inch) Rack Mount Bracket

WV-Q204/2S

(for mounting two WJ-NT304)



*Only 3 pieces of joint brackets are necessary.
One piece of joint bracket will be unnecessary.

Network Video Encoder with Video Analytic

WJ-NT314 (limited quantity)

(12 V DC or 120 V AC adaptor attached: NTSC, 12 V DC or 220 V -240 V AC adaptor attached: PAL)

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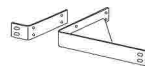
- Up to 4 analog cameras can be connected
- 2CH Video Analytic
- Panasonic camera control
- MPEG-4 and JPEG dual stream output at VGA image size with up to 30 ips
- Progressive Output
- Bi-directional audio (1CH)

Optional Accessories

EIA 48.26 cm (19 inch) Rack Mount Bracket

WV-Q204/1S

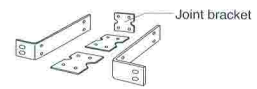
(for mounting one WJ-NT314)



EIA 48.26 cm (19 inch) Rack Mount Bracket

WV-Q204/2S

(for mounting two WJ-NT314)



*Only 3 pieces of joint brackets are necessary.
One piece of joint bracket will be unnecessary.

Multi Channel High Definition Video Decoder

WJ-GXD400

(12 V DC, 100 V -240 V AC adaptor attached: NTSC, PAL)



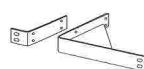
- Up to 256 cameras, including cameras connected to the i-Pro Network Video Encoder (WJ-GXE500/WJ-NT304/WJ-NT314), can be registered
- HDMI interface supporting 1,920 x 1,080 display size
- 1x 4VGA image with 2x VGA images or 6x VGA images can be displayed in multiscreen mode
- Each of VGA images can be displayed at 25 frames/s.
- Superior reliability and installation flexibility with an embedded OS
- Up to 64 camera groups can be registered and called up in response to power on, group sequence and schedule program.

Optional Accessories

EIA 48.26 cm (19 inch) Rack Mount Bracket

WV-Q204/1S

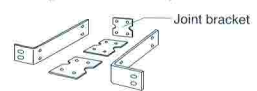
(for mounting one WJ-GXD400)



EIA 48.26 cm (19 inch) Rack Mount Bracket

WV-Q204/2S

(for mounting two WJ-GXD400)



*Only 3 pieces of joint brackets are necessary.
One piece of joint bracket will be unnecessary.

Network Converter

Coaxial-LAN Converter

BY-HPE11KT

To be developed



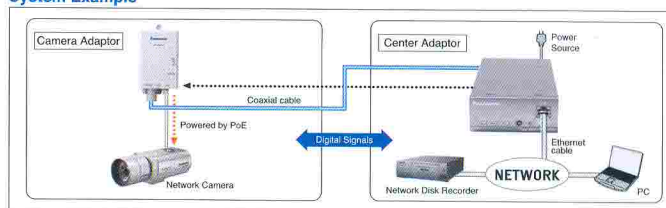
(Center Adaptor)



(Camera Adaptor)

- Smooth integration to IP system with the existing coaxial cable network.
- High-Speed, stable and long-distance communication network
- Power over Ethernet (PoE) IEEE 802.3af

System Example



Software

IP Matrix Server Software

Version 3 **WV-ASC970**

IP Matrix Client Software

Version 2 **WV-ASM970**



(The pictures above are only for images.)

WV-ASC970

- Easy and smooth integration from analog to IP system
- Flexible system design: Analog, IP, and Hybrid analog/IP
- Up to 64 recorders, 1,024 monitors, and 2,048 cameras (in case with encoder) can be registered
- Camera/Sequence/Monitor selection, Camera control and Recorder control can be made with the optional system controller WV-CU950
- Supported Recorders: WJ-ND400 series, WJ-ND300 series, WJ-ND200 series, WJ-RT416 series, WJ-HD300 series, WJ-HD616/716 series

WV-ASM970

- Multi-Monitor option enables simultaneous use of Operation screen and Monitor screen (1 / 4 / 7 / 9 / 10 / 13 / 16 split) on a dedicated monitor. Two monitor operation is also available.
- Up to 30 ips/camera can be displayed in 16 split-screen in MPEG-4 2 Mbps mode (depending on the camera, camera setup and PC performance).
- Up to 30 ips/camera can be displayed in 16 split-screen in H.264 1.5 Mbps mode with VGA (depending on the camera, camera setup and PC performance).
- Image resolution dynamically changes depending on the screen mode:VGA for Quad screen, QVGA for 16 split-screen, enabling optimum network usage (depending on the camera mode).

System Components

IP Matrix Server Software **WV-ASC970**



(The picture above is only for image.)

IP Matrix Client Software **WV-ASM970**



(The picture above is only for image.)

Ethernet System Controller with 3D-Joystick & Jog/Shuttle **WV-CU950**



i-PRO Management Software

Version 7 **WV-ASM100**

Version 7 **WV-ASM100L**



H.264 MPEG-4 JPEG

- Supported Recorders: WJ-ND400 Series, WJ-ND300 Series, WJ-ND200 Series, WJ-HD716/616, WJ-HD300A Series, WJ-RT416 Series
- Up to 100 recorders, 64 encoders and 256 directly connected cameras can be registered
- Up to 6,400 cameras registered in the recorders and 256 cameras registered in the encoders are automatically registered
- Up to 16x 30 ips/camera images can be displayed in H.264 1.5 Mbps mode or MPEG-4 2 Mbps mode
- Up to 400 camera groups
- Camera/Group/Sequence selection, Camera control and Recorder control can be made with the optional system controller WV-CU950 (WV-ASM100 only)

Optional Accessory

Ethernet System Controller with 3D-Joystick & Jog/Shuttle **WV-CU950**
(Not available for WV-ASM100L)



i-PRO Monitoring Software

WV-ASM10
(limited quantity)

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H.264 MPEG-4 JPEG



- Supported Recorders: WJ-ND400 Series, WJ-ND300 Series, WJ-ND200 Series, WJ-HD300A Series
- Up to 16 recorders, 64 encoders and 256 directly connected cameras can be registered
- Up to 30 ips/camera in 16 split-screen in MPEG-4 2 Mbps mode
- Up to 400 camera groups

Network Camera Recorder with Viewer Software

BB-HNP17



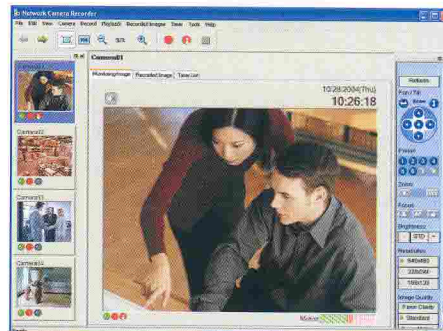
H.264 MPEG-4 JPEG

- H.264, MPEG-4 and JPEG recording
- Supports the recording and playback of H.264 cameras
- Supports resolutions of 1280 x 960
- Remote Access Function
- Up to 64 cameras Register
- Event Detection Recording
- Flexible Layout
- Preset Sequence
- Timer recording with preset designation
- Pop-up display
- Time specified color night view

Network Camera Recorder

BB-HNP11

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- Recording or Playing Images with Audio
- Motion Detection Recording and Timer-recording Functions
- Recorded Image Searches
- Recording Capacity Limit

Dome Cameras

Super Dynamic III
Weather Resistant Dome Camera
WV-CW970 Series

WV-CW970 (220 V -240 V AC: PAL)
WV-CW974 (24 V AC: NTCS, PAL)



- High sensitivity: 0.5 lx (Color), 0.04 lx (B/W) at F1.4 (Wide) / 0.016 lx (Color), 0.0013 lx (B/W) at F1.4 (Wide) with Sens Up 32x
- **Super Dynamic III** 128x (NTSC) / 160x (PAL) wider dynamic range
- Advanced auto tracking
- IP66 rated water and dust resistant
- 30x optical zoom lens with 10x digital zoom

Optional Accessory

Wall Mount Bracket
WV-Q122



Super Dynamic III
Weather Resistant Dome Camera
WV-CW960 Series

WV-CW960 (220 V -240 V AC: PAL)
WV-CW964 (24 V AC: NTSC, PAL)



- High sensitivity: 0.5 lx (Color), 0.04 lx (B/W) at F1.4 (Wide) / 0.016 lx (Color), 0.0013 lx (B/W) at F1.4 (Wide) with Sens Up 32x
- **Super Dynamic III** 128x (NTSC) / 160x (PAL) wider dynamic range
- Standard auto tracking
- IP66 rated water and dust resistant
- 30x optical zoom lens with 10x digital zoom

Optional Accessory

Wall Mount Bracket
WV-Q122



Super Dynamic III
Day/Night Dome Camera
WV-CS950 Series

WV-CS950 (220 V -240 V AC: PAL)
WV-CS954 (24 V AC: NTSC, PAL)



- High sensitivity: 0.5 lx (Color), 0.04 lx (B/W) at F1.4 (Wide)
- **Super Dynamic III** 128x (NTSC) / 160x (PAL) wider dynamic range
- Auto tracking capability
- 30x optical zoom lens with 10x digital zoom

Optional Accessories

Ceiling Mount Bracket WV-Q105	Embedded Ceiling Mount Bracket WV-Q116	Pendant Mount Bracket WV-Q117
Wall Mount Bracket WV-Q118	Smoke Dome Cover WV-CS3S	

Dome Camera
WV-CS570 Series

WV-CS570 (220 V -240 V AC: PAL)
WV-CS574 (24 V AC: NTSC, PAL)



- High resolution: 510 TV lines (Color, High)
- High sensitivity: 1.0 lx (Color) at F1.6 (Wide)
- 22x optical zoom lens with 10x digital zoom

Optional Accessories

Ceiling Mount Bracket WV-Q105 (for PAL only)	Embedded Ceiling Mount Bracket WV-Q106	Pendant Mount Bracket WV-Q117
Wall Mount Bracket WV-Q118	Smoke Dome Cover WV-CS2S	

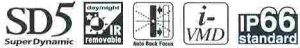
Fixed Dome Cameras

Super Dynamic 5
Vandal Resistant Fixed Dome Camera
WV-CW500 Series

WV-CW500S (220 V ~240 V AC: PAL)
WV-CW504S (24 V AC or 12 V DC: NTSC, PAL)
WV-CW504F (24 V AC or 12 V DC: NTSC)



(Surface Mount Type)



- High resolution: 650 TV lines typical (Color), 700 TV lines (B/W)
- High sensitivity: 0.1 lx (Color), 0.01 lx (B/W) at F1.4 (Wide) / 0.003 lx (Color), 0.0003 lx (B/W) at F1.4 (Wide) with Sens Up 32x
- **Super Dynamic 5** delivers Superior image by fusion of Super Dynamic, ABS (Adaptive Black Stretch) and i-VMD (intelligent-Video Motion Detection) intelligence technology

Optional Accessories

Mount Bracket for WV-CW504F WV-Q115	Heater Unit WV-CW5H
Embedded Ceiling Mount Bracket WV-Q169	Smoke Dome Cover WV-CW4S

Vandal Resistant Fixed Dome Camera

WV-CW240 Series

WV-CW240S (220 V ~240 V AC: PAL)
WV-CW244F (24 V AC or 12 V DC: NTSC, PAL)
WV-CW244S (24 V AC or 12 V DC: NTSC)

WV-CW240S

WV-CW244F



(Surface Mount Type) (Flush Mount Type)



- High resolution: 480 TV lines
- High sensitivity: 1.0 lx (Color) at F1.4 (Wide)
- 2x (3.8 mm ~ 8.0 mm) varifocal lens built-in
- IP66 rated water and dust resistant

Optional Accessories

Heater Unit WV-CW3H	Clear Dome Cover WV-CW2C (NTSC only)	Smoke Dome Cover WV-CW2S (PAL only)
Mount Bracket for WV-CW244F WV-Q113 (PAL only)		

Day/Night Fixed Dome Camera (for PAL only)

WV-CF334/CF364

WV-CF334 (24 V AC or 12 V DC: PAL)
WV-CF364 (24 V AC or 12 V DC: PAL)

WV-CF334

WV-CF364



- High sensitivity: 0.6 lx (Color) 0.4 lx (B/W) at F1.3(Wide) (WV-CF334)
- High sensitivity: 0.6 lx (Color) 0.05 lx (B/W) at F1.3(Wide) (WV-CF364)
- 2.8 mm ~ 10 mm 3.6x Varifocal Auto Iris lens
- Adaptive Black Stretch enhances visibility of dark area

Optional Accessories

Embedded Ceiling Mount Bracket WV-Q168	Smoke Dome Cover WV-CF5S
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Day/Night Fixed Dome Camera

WV-CF324

(24 V AC or 12 V DC: NTSC, PAL)



- High sensitivity: 0.9 lx (Color), 0.6 lx (B/W) at F1.3 (Wide)
- 3.6x (2.8 mm ~ 10 mm) varifocal lens built-in
- Auto Back Focus (ABF) adjustment
- Adaptive Black Stretch enhances the visibility of dark area
- Metal body and polycarbonate dome cover

Optional Accessory

Smoke Dome Cover WV-NF5S

Day/Night Fixed Dome Camera

WV-CF284/CF294

WV-CF284 (24 V AC or 12 V DC: NTSC, PAL)
WV-CF294 (24 V AC or 12 V DC: NTSC, PAL)

WV-CF294

WV-CF284



- High sensitivity: 0.9 lx (Color), 0.6 lx (B/W)
- WV-CF294: 3.6x (2.8 mm ~ 10 mm) varifocal lens built-in
- WV-CF284: 2x (2.8 mm ~ 6.0 mm) varifocal lens built-in
- Auto Back Focus (ABF) adjustment (WV-CF294 only)
- Adaptive Black Stretch

Optional Accessories

Embedded Ceiling Mount Bracket WV-Q168	Smoke Dome Cover WV-CF5S
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Day/Night Mini Fixed Dome Camera (for PAL only)

WV-CF102

(12 V DC: PAL)



- High resolution: 540 TV lines
- High sensitivity: 1.2 lx (Color), 0.9 lx (B/W) at F2.0
- 108 mm in diameter compact design
- 2.5 mm fixed focal lens
- Adaptive Black Stretch enhances the visibility of dark area

Optional Accessory

Smoke Dome Cover WV-CF5S

Fixed Cameras

Super Dynamic 5
Day/Night Camera

WV-CP500 Series

WV-CP500 (120V AC: NTSC, 220 V -240 V AC: PAL)
WV-CP504 (24 V AC or 12 V DC: NTSC, PAL)

WV-CP500L Series

WV-CP500L (220 V -240 V AC: PAL)
WV-CP504L (24 V AC or 12 V DC: PAL)

WV-CP504
WV-CP504L



Lens: optional



Lens: optional

WV-CP500
WV-CP500L



(WV-CP500L Series) * WV-CP500 Series only

- High resolution: 650 TV lines typical (Color), 700 TV lines (B/W) (WV-CP500 Series)
- High resolution: 650 TV lines typical (WV-CP500L Series)
- High sensitivity: 0.1 lx (Color), 0.01 lx (B/W) at F1.4 / 0.003 lx (Color), 0.0003lx (B/W) at F1.4 with Sens Up 32x (WV-CP500 Series)
- High sensitivity: 0.1 lx (Color), 0.07 lx (B/W) at F1.4 / 0.003 lx (Color), 0.002lx (B/W) at F1.4 with Sens Up 32x (WV-CP500L Series)
- **Super Dynamic 5** delivers superior image by fusion of Super Dynamic, ABS (Adaptive Black Stretch) and i-VMD* (intelligent-Video Motion Detection) intelligence technology

Day/Night Camera

WV-CP290 Series

WV-CP290 (120 V AC: NTSC, 220 V -240V AC: PAL)
WV-CP294 (24 V AC or 12 V DC: NTSC, PAL)



Lens: optional



- High resolution: 540 TV lines
- High sensitivity: 0.6 lx(Color), 0.04 lx(B/W) at F1.2
- ABS (Adaptive Black Stretch) enhances visibility of dark area without degrading image quality in bright area.

Day/Night Camera

WV-CP280 Series

WV-CP280 (120 V AC: NTSC, 220 V -240V AC: PAL)
WV-CP284 (24 V AC or 12 V DC: NTSC, PAL)



Lens: optional



- High resolution: 540 TV lines (Color)
- High sensitivity: 0.6 lx (Color), 0.4 lx (B/W) at F1.2
- ABS (Adaptive Black Stretch) feature transforms shadows and dark areas into natural and crisp images in real time

Super Dynamic III
Weather Resistant Day/Night Camera

WV-CW380 Series

WV-CW380 (220 V -240 V AC: PAL)
WV-CW384 (24 V AC or 12 V DC: NTSC, PAL)



- High sensitivity: 0.65 lx (Color), 0.09 lx (B/W) at F1.6 / 0.065 lx (Color), 0.009 lx (B/W) at F1.6 with Sens Up 10x
- **Super Dynamic III** 128x (NTSC) / 160x (PAL) wider dynamic range
- ABF (Auto Back Focus) adjustment
- IP66 rated water and dust resistant
- Built-in heater function for varying temperature
- 5.0 mm ~ 40 mm, 8x varifocal lens with 2x digital zoom

High Sensitive Day/Night Camera

WV-CL930 Series

WV-CL930 (120 V AC: NTSC, 220 V -240V AC: PAL)
WV-CL934 (24 V AC or 12 V DC: NTSC, PAL)
WV-CLR930 (220 V -240 V AC with RS-485 control IF: PAL)
WV-CLR934 (24 V AC or 12 V DC with RS-485 control IF: PAL)



Lens: optional



- 1/2 type interline transfer CCD
- Ultra high sensitivity: 0.09 lx (Color), 0.008 lx (B/W) at F1.4 / 0.003 lx (Color), 0.0003 lx (B/W) at F1.4 with Sens Up 32x
- ABF (Auto Back Focus) adjustment
- Built-in VMD (Video Motion Detector)

Day/Night Camera (for PAL only)

WV-CP250 Series (limited quantity)

WV-CP250 (220 V -240 V AC: PAL)
WV-CP254 (24 V AC or 12 V DC: PAL)



Lens: optional



- High resolution: 480 TV lines (Color) and 570 TV lines (B/W)
- High sensitivity: 1.0 lx (Color), 0.15 lx (B/W) at F1.4
- BLC (Back Light Compensation)

Day/Night Camera (for PAL only)

WV-CZ362

(12 V DC: PAL)



- High resolution: 510 TV lines (Color, High) and 570 TV lines (B/W)
- High sensitivity: 0.6 lx (Color), 0.04 lx (B/W)
- 22x optical zoom lens with 10x digital zoom

