











CAMERA COMPARISON CHART 2011

SECURITY  
MATTERS



# Network Camera Comparison Chart

Model No.	WV-SW395	WV-SC385	WV-SF346	WV-SF342	WV-SF336/335	WV-SF332	WV-SP306	WV-SP305/302
	 New ONVIF	 New ONVIF	 New/Vandal proof	 New/Vandal proof				
Camera Type	External PTZ	Internal PTZ	External Static	External Static	Internal Static	Internal Static	Internal Static	Internal Static
Image Sensor	1/3" MOS	1/3" MOS	1/3 MOS	1/3 MOS	1/3" MOS	1/3" MOS	1/3" MOS	1/3" MOS
Video Resolution	Max (pixels)	1,280 x 960	1,280 x 960	1,280 x 960	800 x 600	1,280 x 960	800 x 600	1,280 x 960 WV-SP305 - 1,280 x 960 WV-SP302 - 800 x 600
	HD 1080p	-	-	-	-	-	-	-
	HD 720p	✓	✓	✓	-	✓	-	✓ (SP305 only)
	VGA	✓	✓	✓	✓	✓	✓	✓
Wide Dynamic Range	Yes (Mega Super Dynamic)	Yes (Mega Super Dynamic)	Yes (WDR)	Yes (WDR)	Yes (WDR)	Yes (WDR)	Yes (WDR)	Yes (WDR)
Day / Night	True D/N	True D/N	Simple D/N	Simple D/N	Simple D/N	Simple D/N	True D/N	Simple D/N
Auto Back Focus	N/A (Auto Focus)	N/A (Auto Focus)	Yes	Focus Assist	WV-SF336 Yes/WV-SF336 Focus Assist	Focus Assist	Yes	Focus Assist
Min. Illumination	Color	0.5 lux (F1.6)	0.5 lux (F1.6)	0.3 lux [F1.3]	0.2 lux [F1.3]	0.3 lux (F1.3)	0.2 lux (F1.3)	0.3 lux (F1.4) 0.2 lux (F1.4) (SP302)
	Colour (sens up)	0.031 lux @ 16x (F1.6)	0.031 lux @ 16x (F1.6)	0.019 lux @ 16x (F1.3)	0.013 lux @ 16x (F1.3)	0.019 lux @ 16x (F1.3)	0.013 lux @ 16x (F1.3)	0.019 lux @ 16x (F1.4) (SP305) 0.013 lux @ 16x (F1.4) (SP302)
	B/W	0.06 lux (F1.6)	0.06 lux (F1.6)	0.2 lux [F1.3]	0.13 lux [F1.3]	0.2 lux (F1.3)	0.13 lux (F1.3)	0.2 lux (F1.4) (SP305) 0.13 lux (F1.4) (SP302)
	B/W (Sens Up)	0.004 lux @ 16x (F1.6)	0.004 lux @ 16x (F1.6)	0.13 lux @ 16x (F1.3)	0.009 lux @ 16x (F1.3)	0.013 lux @ 16x (F1.3)	0.009 lux @ 16x (F1.3)	0.003 lux @ 16x (F1.4) 0.013 lux @ 16x (F1.4) (SP305) 0.009 lux @ 16x (F1.4) (SP302)
PTZ	Pan	360 Pan-Flip (0° ~ 350°)	360 Pan-Flip (0° ~ 350°)	+180/-170°, Azimuth ±100° Manual	+180/-170°, Azimuth ±100° Manual	+180/-170°, Azimuth ±100°	+180/-170°, Azimuth ±100°	N/A
	Tilt	-30° ~ 90°	-30° ~ 90°	±75° Manual	±75° Manual	±75° Manual	±75° Manual	N/A
	Zoom	36x extra*1 / 18x optical / 12x digital	36x extra*1 / 18x optical / 12x digital	4x digital	4x digital	3.6x optical / 4x digital	3.6x optical / 4x digital	4x digital
Lens Focal Length	4.7mm ~ 84.6mm	4.7mm ~ 84.6mm	2.8mm ~ 10mm, 3.6x varifocal	2.8mm ~ 10mm, 3.6x varifocal	2.8mm ~ 10mm	2.8mm ~ 10mm	Lens: optional	Lens: optional
Ambient Operating Temperature	-40°C ~ +50°C (-40°F ~ 122°F) (24 VAC) -30°C ~ +50°C (-40°F ~ 122°F) (PoE+)	-10°C ~ +50°C (14°F ~ 122°F)	-10°C ~ +50°C (14°F ~ 122°F)	-10°C ~ +50°C (14°F ~ 122°F)	-10°C ~ +50°C (14°F ~ 122°F)	-10°C ~ +50°C (14°F ~ 122°F)	-10°C ~ +50°C (14°F ~ 122°F)	-10°C ~ +50°C (14°F ~ 122°F)
Supported Video Codec	H.264 / MPEG-4 / JPEG	H.264 / MPEG-4 / JPEG	H.264 / MPEG-4	H.264 / MPEG-5	H.264 / MPEG-4 / JPEG	H.264 / MPEG-4 / JPEG	H.264 / MPEG-4 / JPEG	H.264 / MPEG-4 / JPEG
Audio*3	2-way	2-way			2-way	2-way	2-way	2-way
Supported Audio Codec	G.726 / G.711(ADPCM)	G.726 / G.711(ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)
SD Memory Card (Option)	SDHC / SD	SDHC / SD	SDHC / SD	SDHC / SD	SDHC / SD	SDHC / SD	SDHC / SD	SDHC / SD
External I/O Terminals	1x ALARM IN 1 / DAY/NIGHT IN 1x ALARM IN 2 / ALARM OUT 1x ALARM IN 3 / AUX OUT	1x ALARM IN 1 / DAY/NIGHT IN 1x ALARM IN 2 / ALARM OUT 1x ALARM IN 3 / AUX OUT	1x ALARM IN 1x ALARM OUT 1x AUX OUT**	1x ALARM IN 1x ALARM OUT 1x AUX OUT**	1x ALARM IN 1x ALARM OUT 1x AUX OUT	1x ALARM IN 1x ALARM OUT 1x AUX OUT	1x ALARM IN / DAY/NIGHT IN 1x ALARM OUT 1x AUX OUT	1x ALARM IN 1x ALARM OUT 1x AUX OUT
Analog Video Output	Monitor Out (for adjustment)	Monitor Out (for adjustment)	Monitor Out (for adjustment)	Monitor Out (for adjustment)	Monitor Out (for adjustment)	Monitor Out (for adjustment)	Monitor Out (for adjustment)	Monitor Out (for adjustment)
Power Source	24 V AC / PoE+	12 V DC / PoE+	12 V DC: 320 mA, PoE	12 V DC: 320 mA, PoE	12 V DC / PoE	12 V DC / PoE	12 V DC / PoE	12 V DC / PoE
Others	Multiple H.264 & JPEG streaming, IP66 Rated, Face Detection	Multiple H.264 & JPEG streaming, Face Detection	Multiple H.264 & JPEG streaming, Face Detection	Multiple H.264 & JPEG streaming, Face Detection	H.264 / MPEG-4 & JPEG dual streaming, Face Detection	H.264 / MPEG-4 & JPEG dual streaming, Face Detection	H.264 / MPEG-4 & JPEG dual streaming, Face Detection	H.264 / MPEG-4 & JPEG dual streaming, Face Detection

\*1 extra optical zoom under VGA resolution

\*2 without condensation

\*3 Audio output requires included Audio/Video Cable.

\*4 Heater ON

\*5 -30 ~ +50 (-22 ~ 122 ) with Optional Heater (24 V AC / PoE)

# Network Camera Comparison Chart

Model No.	WV-SP105	WV-SP102	WV-NP502	WV-NW960 series	WV-NS950 series	WV-NS202A	WV-NW502S	WV-NW484S	
	 <b>New</b>	 <b>New</b>							
Camera Type	Internal Static	Internal Static	Internal Static	External PTZ	Internal PTZ	Internal PTZ	External Static	External Static	
Image Sensor	1/3" MOS	1/5" MOS	1/3" type CCD	1/4" type CCD	1/4" type CCD	1/4" type CCD	1/3" type CCD	1/3" type CCD	
Video Resolution	Max (pixel)	1,280 x 960	640 x 480	2,048 x 1,536	640 x 480	640 x 480	640 x 480	2,048 x 1,536	640 x 480
	1080P	-	-	✓	-	-	-	✓	-
	720P	✓	-	✓	-	-	-	✓	-
	VGA	✓	✓	✓	✓	✓	✓	✓	✓
Wide Dynamic Range	N/A	N/A	Yes (Mega Super Dynamic)	Yes (SDIII)	Yes (SDIII)	Yes (SDIII)	Yes (Mega Super Dynamic)	Yes (SDIII)	
Day / Night	Simple D/N	Simple D/N	True D/N	True D/N	True D/N	Simple D/N	True D/N	True D/N	
Auto Back Focus	N/A (Auto Focus)	N/A (Auto Focus)	Yes	N/A (Auto Focus)	N/A (Auto Focus)	N/A (Auto Focus)	Yes	Yes	
Min. Illumination	Color	0.8 lux (F2.2)	2.0 lux (F2.0)	1.0 lux (1.3 Megapixel mode / F1.4)	0.5 lx (F1.4)	0.5 lx (F1.4)	0.7 lux (F1.6)	1.0 lux (1.3 Megapixel mode / F1.2)	1.5 lux (NTSC) / 0.6 lux (PAL) (F1.4)
	Colour (Sens Up)	0.05 lux @ 16x (F2.2)	0.3 lux @ 8x (F2.0)	0.06 lux @ 16x (1.3 Megapixel mode / F1.4)	0.02 lx @ 32x (F1.4)	0.02 lx @ 32x (F1.4)	0.02 lux @ 32x (F1.6)	0.06 lux @ 16x (1.3 Megapixel mode / F1.2)	0.046 lux (NTSC) / 0.019 lux (PAL) @ 32x (F1.4)
	B/W	0.4 lux (F2.2)	1.3 lux (F2.0)	0.08 lux @ 16x (1.3 Megapixel mode / F1.4)	0.04 lx (F1.4)	0.04 lx (F1.4)	0.5 lux (F1.6)	0.08 lux (1.3 Megapixel mode / F1.2)	0.16 lux (NTSC) / 0.08 lux (PAL) (F1.4)
	B/W (Sens Up)	0.003 lux @ 16x (F2.2)	0.16 lux @ 8x (F2.0)	0.005 lux @ 16x (1.3 Megapixel mode / F1.4)	0.0013 lx @ 32x (F1.4)	0.0013 lx @ 32x (F1.4)	0.015 lux @ 32x (F1.6)	0.005 lux @ 16x (1.3 Megapixel mode / F1.2)	0.005 lux (NTSC) / 0.003 lux (PAL) @ 32x (F1.4)
PTZ	Pan	N/A	N/A	N/A	360° endless	360° endless	0° - 350°	±170°, Azimuth ±100°	-175°, Azimuth ±160°
	Tilt	N/A	N/A	N/A	-5° ~ 185°	-5° ~ 185°	-30° ~ 90°	±75°	±75°
	Zoom	2x extra*1 / 4x digital	4x digital	4x digital	30x optical / 10x digital	30x optical / 10x digital	22x optical / 10x digital	2.8x optical / 4x digital	2x optical / 4x digital
Lens Focal Length	3.54mm	2mm	Lens: optional	3.8mm ~ 114mm	3.8mm ~ 114mm	3.79mm ~ 83.4mm	2.8mm ~ 8mm	3.8mm ~ 8mm	
Ambient Operating Temperature	0°C ~ +40°C (32°F ~ 104°F)	0°C ~ +40°C (32°F ~ 104°F)	-10°C ~ +50°C (14°F ~ 122°F)	-40°C ~ +50°C (-40°F ~ 122°F)*4	-10°C ~ +50°C (14°F ~ 122°F)	-10°C ~ +50°C (14°F ~ 122°F)	-30°C ~ +50°C (22°F ~ 122°F)	-10°C ~ +50°C (14°F ~ 122°F)*5	
Supported Video Codec	H.264 / JPEG	H.264 / JPEG	H.264 / MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	H.264 / MPEG-4 / JPEG	MPEG-4 / JPEG	
Audio*3	N/A	N/A	2-way	2-way	2-way	2-way	2-way	N/A	
Supported Audio Codec	N/A	N/A	G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)	N/A	
SD Memory Card (Option)	N/A	N/A	SDHC / SD	Mini SD	SD	SD	SDHC / SD	SD	
External I/O Terminals	N/A	N/A	1x ALARM IN 1 / DAY/NIGHT IN 1x ALARM IN 2 / ALARM OUT 1x ALARM IN 3 / AUX OUT / EXPOSURE OUT	1x ALARM IN 1 / DAY/NIGHT IN 1x ALARM IN 2 / ALARM OUT 1x ALARM IN 3 / AUX OUT	1x ALARM IN 1 / DAY/NIGHT IN 1x ALARM IN 2 / ALARM OUT 1x ALARM IN 3 / AUX OUT	1x ALARM IN 1 / DAY/NIGHT IN 1x ALARM IN 2 / ALARM OUT 1x ALARM IN 3 / AUX OUT	1x ALARM IN 1 / DAY/NIGHT IN 1x ALARM IN 2 / ALARM OUT 1x ALARM IN 3 / AUX OUT / EXPOSURE OUT	1x ALARM IN 1x ALARM OUT / DAY/NIGHT IN 1x AUX OUT	
Analog Video Output	N/A	N/A	Monitor Out (for adjustment)	Monitor Out (for adjustment)	Monitor Out (for adjustment)	Monitor Out (for adjustment)	Monitor Out (for adjustment)	Monitor Out (for adjustment)	
Built-in Microphone	N/A	N/A	N/A	Yes	N/A	N/A	N/A	N/A	
Power Source	12 V DC / PoE	12 V DC / PoE	12 V DC / PoE	NW960: 220 ~ 240 V AC NW964: 24 V AC	NS950: 220 ~ 240 V AC NS954: 24 V AC	12 V DC / PoE	12 V DC / PoE	24 V AC / 12 V DC / PoE	
Others	Multiple H.264 & JPEG streaming	Multiple H.264 & JPEG streaming	H.264 / MPEG-4 & JPEG dual streaming, Face Detection	IP66 Rated			Multiple H.264 & JPEG streaming IP66 Rated / Face Detection	IP66 Rated	

\*1 extra optical zoom under VGA resolution









\*2 without condensation

\*3 Audio output requires included Audio/Video Cable.

\*4 Heater ON

\*5 -30 ~ +50 [-22 ~ 122 ] with Optional Heater [24 V AC / PoE]

# Network Camera Comparison Chart

Model No.	BB-HCM705	BB-HCM701	BB-HCM735/715	BB-HCM547	BB-HCM527	BB-HCM581/580	BB-HCM531/511	BB-HCM515
								
Camera type	Internal Static	Internal Static	BB-HCM735 External Pan/Tilt BB-HCM715 Internal Pan/Tilt	External PTZ	Internal PTZ	Internal PTZ	BB-HCM531 External Pan/Tilt BB-HCM511 Internal Pan/Tilt	Internal Pan/Tilt
Image Sensor	1/3" MOS	1/5" MOS	1/3" MOS	1/3.6" MOS	1/3.6" MOS	1/4" CCD	1/4" CCD	1/4" MOS
Max. Video Resolution (pixel)	1,280 x 960	640 x 480	1,280 x 960	640 x 480	640 x 480	640 x 480	640 x 480	1,280 x 1,024
Auto Back Focus	N/A	N/A	N/A	N/A	N/A	N/A (Auto focus)	N/A	N/A
Min. Illumination	Color	0.6 lux / 0.3 lux *1	1.5 lux	0.6 lux / 0.3 lux *1	2 lux	2 lux	2 lux	7 lux (for 1,280 x 1024) / 10 lux (others)
	Color Night View	0.07 lux / 0.04 lux *1	0.4 lux	0.07 lux / 0.04 lux *1	0.2 lux	0.2 lux	0.09 lux	3 lux (for 1,280 x 1024) / 10 lux (others)
PTZ	Pan	20° (on a ceiling), 104° (on a wall)	20° (on a ceiling), 104° (on a wall)	104°	350°	350°	350°	120°
	Tilt	114° (on a ceiling), 114° (on a wall)	114° (on a ceiling), 114° (on a wall)	53°	82°	82°	120° (on a table), 90° (on a ceiling)	65°
	Zoom	2x Extra / 3x digital	3x digital	2x Extra / 3x digital	2.3x optical / 2x digital	2.3x optical / 2x digital	21x optical / 2x digital	10x digital (by area)
Angular Field of View	H: 69° / V: 51°	H: 66° / V: 50°	H: 69° / V: 51°	H: 73° / V: 55°	H: 73° / V: 55°	H: 51° / V: 38° (Wide)	H: 54° / V: 40°	H: 50° / V: 37°
Ambient Operating Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)	0 °C ~ 40 °C (32 °F ~ 104 °F)	BB-HCM735: -20 °C ~ +50 °C (-4 °F ~ +122 °F) BB-HCM715: 0 °C ~ 40 °C (32 °F ~ 104 °F)	-20 °C ~ +50 °C (-4 °F ~ 122 °F)	0 °C ~ 40 °C (32 °F ~ 104 °F)	0 °C ~ 40 °C (32 °F ~ 104 °F)	BB-HCM531: -20 °C ~ 50 °C (-4 °F ~ +122 °F) BB-HCM511: 0 °C ~ 40 °C (32 °F ~ 104 °F)	5 °C ~ 40 °C (32 °F ~ 104 °F)
Ambient Operating Humidity	20% ~ 80%	20% ~ 80%	BB-HCM735: 20% ~ 90% BB-HCM715: 20% ~ 80%	20% ~ 90%	20% ~ 80%	20% ~ 80%	BB-HCM531: 20% ~ 90% BB-HCM511: 20% ~ 80%	20% ~ 80%
Supported Video Codec	H.264 / MPEG-4 / JPEG	H.264 / MPEG-4 / JPEG	H.264 / MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG
Audio	1-way	1-way	2-way	2-way	2-way	2-way *2 *3	2-way	2-way
Supported Audio Codec	MPEG-2 AAC (AAC-LC) G.726 (ADPCM)	MPEG-2 AAC (AAC-LC) G.726 (ADPCM)	MPEG-2 AAC (AAC-LC) G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)
SD Memory Card (Option)	SDHC / SD	SDHC / SD	SDHC / SD	SDHC / SD	SDHC / SD	SDHC / SD	SDHC / SD	SDHC / SD
External I/O Terminals	1x Input	1x Input	2x Input, 1x Output	2x Input, 1x Output	2x Input, 1x Output	2x Input, 1x Output	2x Input, 1x Output	2x Input, 1x Output
Analog Video Output	N/A	N/A	Monitor Out	Monitor Out	Monitor Out	Monitor Out*3	Monitor Out	Monitor Out
Built-in Microphone	Yes	Yes	Yes	Yes	Yes	N/A	Yes	Yes
Power Source	100 ~ 240 V AC / PoE	100 ~ 240 V AC / PoE	100 ~ 240 V AC / PoE	100 ~ 240 V AC / PoE	100 ~ 240 V AC / PoE	100 ~ 240 V AC *5/ PoE *2	100 ~ 240 V AC / PoE	100 ~ 240 V AC / PoE
Image Buffer / Transfer Triggers	Alarm, Timer, Motion Detection, Sound or Shock	Alarm, Timer, Motion Detection, Sound or Shock	Alarm, Timer, Motion Detection, Sound or Shock	Alarm, Timer or Motion Detection	Alarm, Timer or Motion Detection	Alarm, Timer or Motion Detection	Alarm, Timer or Motion Detection	Alarm, Timer or Motion Detection

\*1 2x 2 Pixel Binning

\*2 BB-HCM581 only

\*3 Connection with external devices requires the included Audio/Video Cable.

\*4 Software update in January 2010 is necessary for the BB-HCM735/715.

\*5 BB-HCM580 include AC adaptor.

# Network Camera Comparison Chart

Model No.	BL-C230	BL-C210	BL-C160	BL-C140	BL-C131	BL-C111	BL-C121	BL-C101	
									
Camera type	Internal Pan/Tilt	Internal Pan/Tilt	External Static	External Static	Internal Pan/Tilt	Internal Pan/Tilt	Internal Static	Internal Static	
Image Sensor	1/4" MOS	1/4" MOS	1/4" MOS	1/4" MOS	1/6" MOS	1/6" MOS	1/4" MOS	1/4" MOS	
Max. video resolution (pixel)	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480	640 x 480	
Auto Back Focus	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Min. Illumination	Color	5 lux	5 lux	5 lux	5 lux	10 lux	10 lux	5 lux	5 lux
	Color Night View	3 lux	3 lux	3 lux	3 lux	3 lux	3 lux	3 lux	3 lux
PTZ	Pan	82 °	82 °	N/A	N/A	100 °	100 °	N/A	N/A
	Tilt	42 °	42 °	N/A	N/A	50 °	50 °	N/A	N/A
	Zoom	3x digital	3x digital	10x digital (by area)	10x digital (by area)	10x digital (by area)	10x digital (by area)	10x digital (by area)	10x digital (by area)
Angular Field of View	H: 58 ° / V: 45 °	H: 58 ° / V: 45 °	H: 58 ° / V: 45 °	H: 58 ° / V: 45 °	H: 49 ° / V: 37 °	H: 49 ° / V: 37 °	H: 58 ° / V: 45 °	H: 58 ° / V: 45 °	
Ambient Operating Temperature	0 °C ~ 40 °C (32 °F ~ 104 °F)	0 °C ~ 40 °C (32 °F ~ 104 °F)	-20 °C ~ +50 °C (-4 °F ~ 122 °F)	-20 °C ~ +50 °C (-4 °F ~ 122 °F)	5 °C ~ 40 °C (41 °F ~ 104 °F)	5 °C ~ 40 °C (41 °F ~ 104 °F)	5 °C ~ 40 °C (41 °F ~ 104 °F)	5 °C ~ 40 °C (41 °F ~ 104 °F)	
Ambient Operating Humidity	20% ~ 80%	20% ~ 80%	20% ~ 90%	20% ~ 90%	20% ~ 80%	20% ~ 80%	20% ~ 80%	20% ~ 80%	
Supported Video Codec	H.264 / MPEG-4 / JPEG	H.264 / MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	MPEG-4 / JPEG	
Audio	1-way	1-way	N/A	N/A	1-way	1-way	1-way	1-way	
Supported Audio Codec	MPEG-2 AAC (AAC-LC) G.726 (ADPCM)	MPEG-2 AAC (AAC-LC) G.726 (ADPCM)	N/A	N/A	G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)	G.726 (ADPCM)	
SD Memory Card (Option)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
External I/O Terminals	2x Input, 1x Output	2x Input	N/A	N/A	N/A	N/A	1x Input, 1x Output	1x Input	
Analog Video Output	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Built-in Microphone	Yes	Yes	N/A	N/A	Yes	Yes	Yes	Yes	
Power Source	100 ~ 240 V AC	100 ~ 240 V AC	100 ~ 240 V AC	100 ~ 240 V AC	100 ~ 240 V AC	100 ~ 240 V AC	100 ~ 240 V AC	100 ~ 240 V AC	
Image Buffer / Transfer Triggers	Alarm, Sensor, Timer, Motion Detection or Sound	Alarm, Sensor, Timer, Motion Detection or Sound	Sensor, Timer or Motion Detection	Sensor, Timer or Motion Detection	Sensor, Timer or Motion Detection	Sensor, Timer or Motion Detection	Timer or Motion Detection	Timer or Motion Detection	

\*1. All BL- models include AC adaptors.



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#### Important

- Safety Precaution: carefully read the operating instructions and installation manual before using this product.

- Panasonic can not be responsible for network performance and/or other manufacturer products that reside on the network.

#### Security Cautions

- When using the products in this catalogue, take appropriate measures to avoid the following security breaches.

- Disclosure of private Information via the products.
- Unauthorized use of products by a third party.
- Interference or suspension of the use of the products by third party.