

# i-PRO Network Camera Lineup Chart

Panasonic  
Ideas for Life

		HD 720p	HD 720p	HD 720p				HD 1080p
Model		VV-SW395	VV-SC385	VV-SC384	VV-NW964	VV-NS954	VV-NS202A	VV-NW502S
Camera Type		1.3 MP Outdoor PTZ (360° w/ auto flip)	1.3 MP Indoor PTZ (360° w/ auto flip)	1.3 MP Indoor PTZ (360° w/ auto flip)	Outdoor PTZ (Continuous 360°)	Indoor PTZ (Continuous 360°)	Indoor PTZ (0-350°)	3.0 MP Outdoor vandal dome
Super Dynamic		Mega Super Dynamic	Mega Super Dynamic	WDR (8x) <sup>1</sup>	SDIII	SDIII	SDIII	Mega Super Dynamic
Imaging Device		1/3" MOS Sensor Progressive Scan	1/3" MOS Sensor Progressive Scan	1/3" MOS Sensor Progressive Scan	1/4" CCD Progressive Output	1/4" CCD Progressive Output	1/4" CCD Progressive Output	1/3" CCD Progressive Scan
Video Compression		H.264 MPEG-4 JPEG	H.264 MPEG-4 JPEG	H.264 MPEG-4 JPEG	MPEG-4 JPEG	MPEG-4 JPEG	MPEG-4 JPEG	H.264 MPEG-4 JPEG
Day/Night		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Removable IR (D&N)		Yes	Yes	No	Yes	Yes	No	Yes
Auto Back Focus		Auto Focus	Auto Focus	Auto Focus	Auto Focus	Auto Focus	Auto Focus	Yes
VIQS		Future support	Future support	Future support	No	No	No	No
Minimum Illumination	Color	0.5 lux	0.5 lux	0.6 lux	0.5 lux	0.5 lux	0.7 lux	3MP: 2.0 lux 1.3MP: 1.0 lux
	B/W	0.06 lux	0.06 lux	0.5 lux	0.04 lux	0.04 lux	0.5 lux	3MP: 0.16 lux 1.3MP: 0.08 lux
fps JPEG		30fps (1280 x 960)	30fps (1280 x 960)	30fps (1280 x 960)	30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)	5fps (2048 x 1536) 30fps (1280 x 960)
fps MPEG-4		30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)
fps H.264		30fps (1280 x 960)	30fps (1280 x 960)	30fps (1280 x 960)	-	-	-	15fps (1920 x 1080) 30fps (1280 x 960)
Max Image Resolution * MPEG-4 (640 x 480)		1280 x 960 (JPEG & H.264)	1280 x 960 (JPEG & H.264)	1280 x 960 (JPEG & H.264)	Max 640 x 480 (JPEG & MPEG-4)	Max 640 x 480 (JPEG & MPEG-4)	Max 640 x 480 (JPEG & MPEG-4)	2048 x 1536 (JPEG) 1920 x 1080 (H.264)
Audio Capability		2-way	2-way	2-way	2-way	2-way	2-way (Half-duplex)	2-way
SD Memory Card Slot		Yes (SDHC)	Yes (SDHC)	Yes (SDHC)	Yes (Mini)	Yes	Yes	Yes (SDHC)
SD Card Recording		30fps (H.264) 1fps (JPEG)	30fps (H.264) 1fps (JPEG)	30fps (H.264) 1fps (JPEG)	1fps (JPEG)	1fps (JPEG)	1fps (JPEG)	30fps (H.264) 1fps (JPEG)
Lens Type		4.7mm-84.6mm	4.7mm-84.6mm	4.7mm-84.6mm	3.8mm-114mm	3.8mm-114mm	3.8mm-83mm	2.8x vari-focal 2.8mm-8.0mm
Zoom		18x (1.3MP) optical 36x (VGA) EX optical 12x electric	18x (1.3MP) optical 36x (VGA) EX optical 12x electric	18x (1.3MP) optical 36x (VGA) EX optical 12x electric	30x optical 10x electric	30x optical 10x electric	22x optical 10x electric	2.8x optical 4x electric
Network		10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4	10/100 BASE-TX IP v4	10/100 BASE-TX IP v4	10/100 BASE-TX IP v4/v6
Power		24VAC PoE+ (IEEE802.3af)	12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)	24VAC	24VAC	12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)
Alarm In-/Outputs		2/1	2/1	2/1	2/1	2/1	2/1	2/1
Max Power Consumption		24W (PoE+) 43W (AC)	12W (PoE) 1000mA (DC)	10W (PoE) 690mA (DC)	85W (w/ heater)	15W	12W (PoE) 1000mA (DC)	7.6W (PoE) 630mA (DC)
Operating Temperature		-40°F~-122°F (24VAC) -30°F~-122°F (PoE+)	14°F~-122°F	14°F~-122°F	-40°F~-122°F	14°F~-122°F	14°F~-122°F	-22°F~-122°F
Mobile Phone Support <sup>2</sup>		JPEG PTZ/AUX Control	JPEG PTZ/AUX Control	JPEG PTZ/AUX Control	No	No	No	No
Security		ID/PWD Host Authentication HTTPS	ID/PWD Host Authentication HTTPS	ID/PWD Host Authentication HTTPS	ID/PWD Host Authentication	ID/PWD Host Authentication	ID/PWD Host Authentication	ID/PWD Host Authentication
Other Key Features		Auto Tracking Drag and Zoom Image Stabilizer Face Detection Face Mega SD IP66	Auto Tracking Drag and Zoom Image Stabilizer Face Detection Face Mega SD	Drag and Zoom Image Stabilizer Face Detection Face WDR	Auto Tracking Drag and Zoom Image Stabilizer IP66	Auto Tracking Drag and Zoom Image Stabilizer	Auto Tracking Drag and Zoom Image Stabilizer	Face Detection Face Mega SD Dehumidification Device IP66

<sup>1</sup>: WDR (Wide Dynamic Range) <sup>2</sup>: See the supported mobile phones on the Panasonic web site

		HD 720p			HD 720p	HD 720p	HD 720p	HD 720p
Model		VV-SW355	VV-SW352	VV-NW484S	VV-SF346	VV-SF342	VV-SF336	VV-SF335
Camera Type		1.3 MP outdoor vandal dome	Outdoor vandal dome	Outdoor vandal dome	1.3 MP Indoor vandal dome	Indoor vandal dome	1.3MP Indoor dome	1.3MP Indoor dome
Super Dynamic		Mega Super Dynamic	Super Dynamic	SDIII	WDR (8x) <sup>1</sup>	WDR (8x) <sup>1</sup>	WDR (8x) <sup>1</sup>	WDR (8x) <sup>1</sup>
Imaging Device		1/3" MOS Sensor Progressive Scan	1/3" MOS Sensor Progressive Scan	1/3" CCD Progressive Output	1/3" MOS Sensor Progressive Scan	1/3" MOS Sensor Progressive Scan	1/3" MOS Sensor Progressive Scan	1/3" MOS Sensor Progressive Scan
Video Compression		H.264 MPEG-4 JPEG	H.264 MPEG-4 JPEG	MPEG-4 JPEG	H.264 MPEG-4 JPEG	H.264 MPEG-4 JPEG	H.264 MPEG-4 JPEG	H.264 MPEG-4 JPEG
Day/Night		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Removable IR (D&N)		Yes	Yes	Yes	No	No	No	No
Auto Back Focus		Yes (Lens ABF)	Yes (Lens ABF)	Yes	Yes (Lens ABF)	Focus Assist	Yes (Lens ABF)	Focus Assist
VIQS		Yes	Yes	No	Future Support	Future Support	Future Support	Future Support
Minimum Illumination	Color	0.3 lux	0.2 lux	0.6 lux	0.3 lux	0.2 lux	0.3 lux	0.3 lux
	B/W	0.05 lux	0.04 lux	0.08 lux	0.2 lux	0.13 lux	0.2 lux	0.2 lux
fps JPEG		30fps (1280 x 960)	30fps (800 x 600)	30fps (640 x 480)	30fps (1280 x 960)	30fps (800 x 600)	30fps (1280 x 960)	30fps (1280 x 960)
fps MPEG-4		30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)
fps H.264		30fps (1280 x 960)	30fps (800 x 600)	-	30fps (1280 x 960)	30fps (800 x 600)	30fps (1280 x 960)	30fps (1280 x 960)
Max Image Resolution * MPEG-4 (640 x 480)		1280 x 960 (JPEG & H.264)	800 x 600 (JPEG & H.264)	Max 640 x 480 (JPEG & MPEG-4)	1280 x 960 (JPEG & H.264)	800 x 600 (JPEG & H.264)	1280 x 960 (JPEG & H.264)	1280 x 960 (JPEG & H.264)
Audio Capability		2-way	2-way	No	2-way	2-way	2-way	2-way
SD Memory Card Slot		Yes (SDHC)	Yes (SDHC)	Yes	Yes (SDHC)	Yes (SDHC)	Yes (SDHC)	Yes (SDHC)
SD Card Recording		30fps (H.264) 1fps (JPEG)	30fps (H.264) 1fps (JPEG)	1fps (JPEG)	30fps (H.264) 1fps (JPEG)	30fps (H.264) 1fps (JPEG)	30fps (H.264) 1fps (JPEG)	30fps (H.264) 1fps (JPEG)
Lens Type		3.6x vari-focal 2.8mm-10.0mm	3.6x vari-focal 2.8mm-10.0mm	2.0x vari-focal 3.8mm-8.0mm	3.6x vari-focal 2.8mm-10.0mm	3.6x vari-focal 2.8mm-10.0mm	3.6x vari-focal 2.8mm-10.0mm	3.6x vari-focal 2.8mm-10.0mm
Zoom		3.6x optical 7.2x (VGA) EX optical 4x electric	3.6x optical 7.2x (VGA) EX optical 4x electric	2x optical 4x electric	3.6x optical 4x electric	3.6x optical 4x electric	3.6x optical 4x electric	3.6x optical 4x electric
Network		10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4	10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4/v6
Power		12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)	24VAC/12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)
Alarm In-/Outputs			1/1	1/1	1/1	1/1	1/1	1/1
Max Power Consumption		11.5W (PoE) 1.1 A (DC)	11.5W (PoE) 1.1 A (DC)	12W (PoE) 16 W (AC) 920mA (DC)	4.2W (PoE) 320mA (DC)	4.2W (PoE) 320mA (DC)	4.2W (PoE) 320mA (DC)	3.5W (PoE) 280mA (DC)
Operating Temperature		-22°F~-122°F	-22°F~-122°F	-22°F~-122°F	14°F~-122°F	14°F~-122°F	14°F~-122°F	14°F~-122°F
Mobile Phone Support <sup>2</sup>		JPEG PTZ Control	JPEG PTZ Control	No	No	No	No	No
Security		ID/PWD Host Authentication HTTPS	ID/PWD Host Authentication HTTPS	ID/PWD Host Authentication	ID/PWD Host Authentication	ID/PWD Host Authentication	ID/PWD Host Authentication	ID/PWD Host Authentication
Other Key Features		Face Detection Face Mega SD Dehumidification Heater PoE <sup>3</sup> IP66	Face Detection Face Super Dynamic Dehumidification Heater PoE <sup>3</sup> IP66	Dehumidification Device Heater PoE <sup>3</sup> IP66	Face Detection Face WDR	Face Detection Face WDR	Face Detection Face WDR	Face Detection Face WDR

<sup>1</sup>: WDR (Wide Dynamic Range) <sup>2</sup>: See the supported mobile phones on the Panasonic web site <sup>3</sup>: Heater optional

			HD 1080p	HD 720p	HD 720p			HD 720p
Model		VV-SF332	VV-NP502	VV-SP306	VV-SP305	VV-SP302	VV-SP105	VV-SP102
Camera Type		800x600 Indoor dome	3.0 MP box	1.3 MP box	1.3 MP box	800x600 box	1.3 MP box	Box
Super Dynamic		WDR (8x) <sup>1</sup>	Mega Super Dynamic	WDR (8x) <sup>1</sup>	WDR (8x) <sup>1</sup>	WDR (8x) <sup>1</sup>	No	No
Imaging Device		1/3" MOS Sensor Progressive Scan	1/3" CCD Progressive Scan	1/3" MOS Sensor Progressive Scan	1/3" MOS Sensor Progressive Scan	1/3" MOS Sensor Progressive Scan	1/3" MOS Sensor Progressive Scan	1/5" MOS Sensor Progressive Scan
Video Compression		H.264 MPEG-4 JPEG	H.264 MPEG-4 JPEG	H.264 MPEG-4 JPEG	H.264 MPEG-4 JPEG	H.264 MPEG-4 JPEG	H.264 MPEG-4 JPEG	H.264 MPEG-4 JPEG
Day/Night		Yes	Yes	Yes	Yes	Yes	Yes	Yes
Removable IR (D&N)		No	Yes	Yes	No	No	No	No
Auto Back Focus		Focus Assist	Yes	Yes (Lens ABF)	Focus Assist	Focus Assist	No	No
VIQS		Future Support	No	Future Support	Future Support	Future Support	No	No
Minimum Illumination	Color	0.2 lux	3MP: 2.0 lux 1.3MP: 1.0 lux	0.3 lux	0.3 lux	0.2 lux	0.8 lux	2.0 lux
	B/W	0.13 lux	3MP: 0.16 lux 1.3MP: 0.08 lux	0.05 lux	0.2 lux	0.13 lux	0.4 lux	1.3 lux
fps JPEG		30fps (800 x 600)	5fps (2048 x 1536) 30fps (1280 x 960)	30fps (1280 x 960)	30fps (1280 x 960)	30fps (800 x 600)	30fps (1280 x 960)	30fps (640 x 480)
fps MPEG-4		30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)	30fps (640 x 480)	-	-
fps H.264		30fps (800 x 600)	15fps (1920 x 1080) 30fps (1280 x 960)	30fps (1280 x 960)	30fps (1280 x 960)	30fps (800 x 600)	30fps (1280 x 960)	30fps (640 x 480)
Max Image Resolution * MPEG-4 (640 x 480)		800 x 600 (JPEG & H.264)	2048 x 1536 (JPEG) 1920 x 1080 (H.264)	1280 x 960 (JPEG & H.264)	1280 x 960 (JPEG & H.264)	800 x 600 (JPEG & H.264)	1280 x 960 (JPEG & H.264)	640 x 480 (JPEG & H.264)
Audio Capability		2-way	2-way	2-way	2-way	2-way	No	No
SD Memory Card Slot		Yes (SDHC)	Yes (SDHC)	Yes (SDHC)	Yes (SDHC)	Yes (SDHC)	No	No
SD Card Recording		30fps (H.264) 1fps (JPEG)	30fps (H.264) 1fps (JPEG)	30fps (H.264) 1fps (JPEG)	30fps (H.264) 1fps (JPEG)	30fps (H.264) 1fps (JPEG)	No	No
Lens Type		3.6x vari-focal 2.8mm-10.0mm	Optional	Optional	Optional	Optional	Fixed focal length 3.54mm	Fixed focal length 2.00mm
Zoom		3.6x optical 4x electric	4x electric	4x electric	4x electric	4x electric	2x (VGA) Ex optical	No
Network		10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4/v6	10/100 BASE-TX IP v4/v6
Power		12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)	12VDC PoE (IEEE802.3af)
Alarm In-/Outputs		1/1	2/1	1/1	1/1	1/1	No	No
Max Power Consumption		3.5W (PoE) 280mA (DC)	7.6W (PoE) 630mA (DC)	4.4W (PoE) 350mA (DC)	3.4W (PoE) 270mA (DC)	3.4W (PoE) 270mA (DC)	2.8W (PoE) 200mA (DC)	2.0W (PoE) 140mA (DC)
Operating Temperature		14°F~-122°F	14°F~-122°F	14°F~-122°F	14°F~-122°F	14°F~-122°F	32°F~-104°F	32°F~-104°F
Mobile Phone Support <sup>2</sup>		No	No	No	No	No	No	No
Security		ID/PWD Host Authentication	ID/PWD Host Authentication	ID/PWD Host Authentication	ID/PWD Host Authentication	ID/PWD Host Authentication	ID/PWD Host Authentication	ID/PWD Host Authentication
Other Key Features		Face Detection Face WDR	Face Detection Face Mega SD	Face Detection Face WDR	Face Detection Face WDR	Face Detection Face WDR	ABS <sup>4</sup>	ABS <sup>4</sup>

<sup>1</sup>: WDR (Wide Dynamic Range) <sup>2</sup>: See the supported mobile phones on the Panasonic web site <sup>4</sup>: ABS (Adaptive Black Stretch)

# Network Camera Lineup Chart

Model	BB-HCM705A	BB-HCM701A	BB-HCM715A	BB-HCM527A	BB-HCM581A	BB-HCM580A
Camera Type	1.3 Megapixel fixed dome	Fixed dome	1.3 Megapixel pan/tilt	PTZ	PTZ	PTZ
Imaging Device	1/3" MOS Progressive Scan	1/5" CMOS Progressive Scan	1/3" MOS Progressive Scan	1/3.6" MOS Progressive Scan	1/4" CCD Progressive Scan	1/4" CCD Progressive Scan
Compression	Motion JPEG, MPEG-4, H.264	Motion JPEG, MPEG-4, H.264	Motion JPEG, MPEG-4, H.264	Motion JPEG, MPEG-4	Motion JPEG, MPEG-4	Motion JPEG, MPEG-4
PoE	Yes	Yes	Yes	Yes	Yes	No
Minimum Illumination (color night view mode)	0.6lux (0.07lux) 2x2 Pixel Binning: 0.3lux (0.04lux)	1.5lux (0.4lux)	0.6lux (0.07lux) 2x2 Pixel Binning: 0.3lux (0.04lux)	2lux (0.2lux)	2lux (0.09lux)	2lux (0.09lux)
Key Features	Shock detection Sound detection Motion detection Cell phone monitoring*	Shock detection Sound detection Motion detection Cell phone monitoring*	Motion detection Cell phone monitoring*	Motion detection Cell phone monitoring*	Motion detection Cell phone monitoring*	Motion detection Cell phone monitoring*
Frames Per Second	Up to 30	Up to 30	Up to 30	Up to 30	Up to 30	Up to 30
Image Resolution	1,280 x 960 (Quad-VGA)	640 x 480 (VGA)	1,280 x 960 (Quad-VGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)
Audio Capability	1-way monitoring (camera to PC) Built-in microphone	1-way monitoring (camera to PC) Built-in microphone	2-way (half duplex) Built-in microphone External microphone input	2-way (half duplex) Built-in microphone External microphone input	2-way (half duplex) External microphone input†	No
SD Memory Card Slot	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)
Lens Type Viewing Angle (Horiz/Vert) Pan (Horiz/Vert) Tilt (Horiz/Vert)	f2.4 69/51° 20/104° 57/114°	f2.0 66/50° 20/104° 57/114°	f2.4 69/51° 104° 53°	f1.9 (wide)-f2.8 (tele) 73/55° 350° 82°	f1.6 (wide)-f3.6 (tele) 51/38° 350° 120° on table/90° on ceiling	f1.6 (wide)-f3.6 (tele) 51/38° 350° 120° on table/90° on ceiling
Zoom	6x zoom (2x Ex zoom, 3x digital zoom)	3x digital zoom	6x zoom (2x Ex zoom, 3x digital zoom)	4.6x (2.3x optical, 2x digital)	42x (21x optical, 2x digital)	42x (21x optical, 2x digital)
Network	10/100 Base-TX	10/100 Base-TX	10/100 Base-TX	10/100 Base-TX	10/100 Base-TX	10/100 Base-TX
I/O Terminals	1	1	3	3	3	3
Analog Video Output	No	No	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL
Security	User ID/Password, SSL	User ID/Password, SSL	User ID/Password, SSL	User ID/Password, SSL	User ID/Password	User ID/Password
Operating Temperature	32°F – 104°F	32°F – 104°F	32°F – 104°F	32°F – 104°F	32°F – 104°F	32°F – 104°F
Operating Humidity	20% to 80% (No condensation)	20% to 80% (No condensation)	20% to 80% (No condensation)	20% to 80% (No condensation)	20% to 80% (No condensation)	20% to 80% (No condensation)

\*Only still images in JPEG format can be displayed on a cell phone. †Connection with external devices requires the included Audio/Video Cable.

Model	BB-HCM511A	BB-HCM735A	BB-HCM547A	BB-HCM531A	BB-HCM371A
Camera Type	Pan/tilt	Outdoor* 1.3 Megapixel pan/tilt	Outdoor* PTZ	Outdoor* Pan/tilt	Wireless Outdoor* Pan/tilt
Imaging Device	1/4" CCD Progressive Scan	1/3" MOS Progressive Scan	1/3.6" MOS Progressive Scan	1/4" CCD Progressive Scan	1/4" CCD Progressive Scan
Compression	Motion JPEG, MPEG-4	Motion JPEG, MPEG-4, H.264	Motion JPEG, MPEG-4	Motion JPEG, MPEG-4	Motion JPEG
PoE	Yes	Yes	Yes	Yes	No
Minimum Illumination (color night view mode)	2lux (0.2lux)	0.6lux (0.07lux) 2x2 Pixel Binning: 0.3lux (0.04lux)	2lux (0.2lux)	2lux (0.2lux)	3lux (0.2lux)
Key Features	Motion detection Cell phone monitoring*	Motion detection Cell phone monitoring* Splash resistance (IP55)	Motion detection Cell phone monitoring* Splash resistance	Motion detection Cell phone monitoring* Splash resistance	Motion detection Cell phone monitoring* Splash resistance
Frames Per Second	Up to 30	Up to 30	Up to 30	Up to 30	Up to 30
Image Resolution	640 x 480 (VGA)	1,280 x 960 (Quad-VGA)	640 x 480 (VGA)	640 x 480 (VGA)	640 x 480 (VGA)
Audio Capability	2-way (half duplex) Built-in microphone External microphone input	2-way (half duplex) Built-in microphone External microphone input	2-way (half duplex) Built-in microphone External microphone input	2-way (half duplex) Built-in microphone External microphone input	2-way (half duplex) Built-in microphone External microphone input
SD Memory Card Slot	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)
Lens Type Viewing Angle (Horiz/Vert) Pan (Horiz/Vert) Tilt (Horiz/Vert)	f2.8 54/40° 120° 65°	f2.4 69/51° 104° 53°	f1.9 (wide)-f2.8 (tele) 73/55° 350° 82°	f2.8 54/40° 120° 65°	f3.5 53/40° 120° 65°
Zoom	10x digital (by area)	6x zoom (2x Ex zoom, 3x digital zoom)	4.6x (2.3x optical, 2x digital)	10x digital (by area)	10x digital (by area)
Network	10/100 Base-TX	10/100 Base-TX	10/100 Base-TX	10/100 Base-TX	10/100 Base-TX
I/O Terminals	3	3	3	3	3
Analog Video Output	NTSC/PAL	NTSC/PAL	NTSC/PAL	NTSC/PAL	No
Security	User ID/Password	User ID/Password, SSL	User ID/Password, SSL	User ID/Password	User ID/Password
Operating Temperature	32°F – 104°F	-4°F – 122°F	-4°F – 122°F	-4°F – 122°F	-4°F – 122°F
Operating Humidity	20% to 80% (No condensation)	20% to 90% (No condensation)	20% to 90% (No condensation)	20% to 90% (No condensation)	20% to 90% (No condensation)

\*Only still images in JPEG format can be displayed on a cell phone. \*Splash resistant body: camera placement under an eave is recommended.

## CUSTOMER SUPPORT

To place, modify or check an order, or make shipping changes.

Toll-Free Phone: 877.733.3689

Toll-Free Fax: 877.665.5647

## TECHNICAL SUPPORT

For technical support on installation, programming and configuration.

Toll-Free Phone: 800.528.6747

Toll-Free Fax: 888.809.6198

e-mail: [psditech@us.panasonic.com](mailto:psditech@us.panasonic.com)

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