



Network Camera LineUp

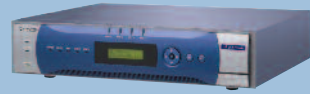


Model	WV-NW964	WV-NS954	WV-NS202A	WV-NF302	WV-NF284	WV-NW484S	WV-NS324	WV-NP304	WV-NP1004	WV-NP244	WV-NP472
Camera Type	Outdoor PTZ	PTZ	PTZ	Ruggedized megapixel fixed dome	Fixed dome	Vandal dome	PTZ	Megapixel box	Megapixel box	Fixed box	Fixed box
Super Dynamic	SDIII	SDIII	SDIII	ABS*	ABS*	SDIII	No	ABS*	No	No	SDII
Imaging Device	1/4" Progressive Output	1/4" Progressive Output	1/4" Progressive Output	1/3" Progressive Scan	1/4" Progressive Scan	1/3" Progressive Output	1/4"	1/3" Progressive Output	1/3" Progressive Scan	1/3" Progressive Scan	1/3"
Compression	MPEG-4/JPEG	MPEG-4/JPEG	MPEG-4/JPEG	MPEG-4/JPEG	MPEG-4/JPEG	MPEG-4/JPEG	JPEG	MPEG-4/JPEG	MPEG-4/JPEG	MPEG-4/JPEG	JPEG
Day/Night	Yes	Yes	Yes (Simple)	Yes (Simple)	No	Yes	No	Yes (Simple)	Yes	No	Yes
Auto Back Focus	Auto focus	Auto focus	Auto focus	Focus assist	No	Yes	Auto focus	Focus assist	Yes	No	No
PoE	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No
Minimum Illumination											
Color	0.5lux	0.5lux	0.7lux	1.5lux	1.5lux	1.5lux	1.0lux	1.5lux	1.0lux	1.1lux	0.8lux
Color w/enhancement	0.02lux @ 32x sens up	0.02lux @ 32x sens up	0.02lux @ 32x sens up		0.19lux @ 6x sens up	0.046lux @ 32x sens up	0.025lux @ 4x sens up			0.07lux @ 16x sens up	
B/W	0.04lux	0.04lux	0.5lux	0.9lux		0.16lux		0.9lux	0.06lux		0.1lux
B/W w/enhancement	0.0013lux @ 32x sens up	0.0013lux @ 32x sens up	0.015lux @ 32x sens up			0.005lux @ 32x sens up					
Key Features	Auto Tracking Drag and Zoom 360° map shot Auto Image Stabilization Motion detection Digital slip ring	Auto Tracking Drag and Zoom 360° map shot Auto Image Stabilization Motion detection Digital slip ring	Auto Tracking Drag and Zoom 360° map shot Alarm function Motion detection	Focus assist Alarm function Motion detection Stream priority mode	Alarm function Motion detection	Vandal ABF Alarm function Motion detection Dehumidification device Heater PoE***	360° map shot Alarm function Motion detection	Focus assist Alarm function Motion detection Stream priority mode	ABF Alarm function Motion detection	Alarm function Motion detection	Alarm function Motion detection
fps JPEG	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@QVGA
fps MPEG-4	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	Up to 30fps@VGA	N/A
Preset Position	256	256	64	N/A	N/A	N/A	16	N/A	N/A	N/A	N/A
Audio Capability	2-way	2-way	2-way (half-duplex)	2-way	1-way	No	1-way	2-way	1-way	1-way	No
SD Memory Card Slot	Yes (mini)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Lens Type	3.8mm~114mm	3.8mm~114mm	3.8mm~83mm	3.6x vari-focal 2.8~10mm	3.6x vari-focal 2.8~10mm	2x vari-focal 3.8mm~8.0mm	3.6x vari-focal 4.2mm~42mm	Optional	Optional	Optional	Optional
Zoom	30x optical 10x electronic	30x optical 10x electronic	22x optical 10x electronic	3.6x optical 4x electronic	3.6x optical 3x electronic	2x optical 4x electronic	10x optical 5x electronic	4x electronic	5x electronic	3x electronic	N/A
Network	10BASE-T/ 100BASE-TX (RJ-45)	10BASE-T/ 100BASE-TX (RJ-45)	10BASE-T/ 100BASE-TX (RJ-45)	10BASE-T/ 100BASE-TX (RJ-45)	10BASE-T/ 100BASE-TX (RJ-45)	10BASE-T/ 100BASE-TX (RJ-45)	10BASE-T/ 100BASE-TX (RJ-45)	10BASE-T/ 100BASE-TX (RJ-45)	10BASE-T/ 100BASE-TX (RJ-45)	10BASE-T/ 100BASE-TX (RJ-45)	10BASE-T/ 100BASE-TX (RJ-45)
Power	24VAC	24VAC6	12VDC/PoE	12VDC/PoE	24VAC/12VDC/PoE	24VAC/12VDC/PoE	24VAC/12VDC	24VAC/12VDC/PoE	24VAC	24VAC/12VDC/PoE	12VDC
I/O Terminals	6	6	4	3	3	3	4	3	5	4	4
Power Consumption	~85 W (heater on)	~15 W	DC 1,000 mA PoE 12.0 W	DC 510 mA PoE 6.4 W	AC ~4.2 W DC 350 mA PoE 4.0 W	AC ~16 W DC 920 mA PoE 12.0 W	AC ~15 W DC 920 mA	AC ~5.2 W DC 530 mA PoE 6.4 W	~9.5 W	AC ~4.8 W DC 4.8 W PoE 4.2 W	DC 700 mA

*Adaptive Black Stretch
**W/clear dome when applicable
***Heater optional



Network Video Recorders



Model
Max. Storage
Image Download
Network I/F
Max. IP Camera
Max. Recording Rate/Total
Camera Brands Supported
Alarm/Control Ports
Motion Detection/Search
Power Source
Rack Mountable
Remote Software

WJ-ND400
9 TB (Internal), 54 TB w/external
PC via Network
2x1 Gbps, 1x10 Mbps
64 at MPEG-4*
Approx. 1,920fps
Panasonic, Panasonic Consumer, Axis
32 alarm inputs, 32 alarm outputs, control/aux
Only from camera/Metadata smart search
120 VAC, 60 Hz
Yes
Yes (browser, WV-ASM100/ASM10)

WJ-ND300A
2,000 GB (Internal), 14,000 GB w/ external
PC via Network
2x100 Mbps, 1x10 Mbps
32 at MPEG-4
Approx. 960fps
Panasonic, Panasonic Consumer, Axis
16 alarm inputs, 16 alarm outputs, control/aux
Only from camera
120 VAC, 60 Hz
Yes
Yes (browser, WV-ASM100/ASM10)

WJ-ND200
320 GB (Internal, removable)
PC via Network
1x100 Mbps
16 at MPEG-4
Approx. 270fps (at 640x480 9 cameras) (More depending on camera/network settings)
Panasonic, Panasonic Consumer, Axis
16 alarm inputs, 16 alarm outputs, control/aux
Only from camera
120 VAC, 60 Hz
Yes
Yes (browser, WV-ASM100/ASM10)

Encoders/Decoders



Model
Compression
Video Inputs
Audio Inputs
SD Card Backup
FPS/Resolution
Analytics

WJ-NT304/WJ-NT314
Dual MPEG-4/JPEG
4
1, 2-way capable
Yes
4 CIF/10-30 fps
2 ch. video (WJ-NT314 only)

Model
Type
Compression
Audio Inputs
FPS/Resolution
Display
Supports

WJ-GXD400
Multi Channel High Definition
Dual MPEG-4/JPEG
1 RCA
30 ips
1,280 x 960, 640 x 480, 320 x 240
Up to 256 Panasonic I-Pro cameras and encoders

Digital Video Recorders



Model
Video Inputs
Input Loop Through
Monitor Out
Other Video/Audio Outputs
Audio Inputs
Max. Recording Rate/Total
Video Input/Output Signal
Max. Storage
Copy Ports
Image Download
Alarm/Control Ports
PTZ Support
Motion Detection
Power Source
Rack Mountable
Remote Software

WJ-HD220
8
Yes
1 spot, 1 multi-screen
1 composite, 1 audio
1
30 ips (field)
NTSC only
320 GB (Internal)
N/A
PC via Network
8 alarm inputs 8 alarm outputs control/aux
Yes (coax and RS485)
Yes
120 VAC, 60 Hz
Yes
Yes (browser, WV-AS20)

WJ-HD309A
9
Yes
1 spot, 1 multi-screen
1 S-Video, 1 composite, 1 audio
4
60 ips (field), 120 ips (CIF)
NTSC only
500 GB (Internal) 7500 GB (w/external)
2 (for SD, HDD, CD/DVD)
PC via Network
9 alarm inputs 9 alarm outputs control/aux
Yes (coax and RS485)
Yes
120 VAC, 60 Hz
Yes
Yes (browser, WV-ASM100)

WJ-HD316A
16
Yes
1 spot, 1 multi-screen
1 S-Video, 1 composite, 1 audio
4
60 ips (field), 120 ips (CIF)
NTSC only
2000 GB (Internal) 30000 GB (w/external)
2 (for SD, HDD, CD/DVD)
PC via Network
16 alarm inputs 16 alarm outputs control/aux
Yes (coax and RS485)
Yes
120 VAC, 60 Hz
Yes
Yes (browser, WV-ASM100)

WJ-RT416/WJ-RT416V
16
Yes
1 multi-screen
1 audio
16
480 ips (field)
NTSC only
6000 GB (WJ-RT416 Internal) 5000 GB (WJ-RT416V Internal)
2 (for SD, HDD, CD/DVD)/1 built-in CD/DVD burner (WJ-RT416V only)
PC via Network
16 alarm inputs 16 alarm outputs control/aux
Yes (coax and RS485)
Yes
120 VAC, 60 Hz
Yes
Yes (Netclient, browser, WV-ASM100)

*Camera Recording only

Specifications subject to change without notice. Not responsible for typographical errors.

T # 877-733-3689 – panasonic.com/security

Panasonic ideas for life

