












**RECORDERS & SOFTWARE COMPARISON CHART**

SECURITY  
MATTERS



# RECORDER COMPARISON CHART

Model No	IP				ANALOGUE				
	WJ-ND400	WJ-ND300	WJ-ND200	WJ-NV200	WJ-HD716	WJ-HD616	WJ-RT416 / (V)	WJ-HL208	WJ-HL204
									
No of Channels	64	32	16	16	16	16	16	8	4
Supported Image Format	MPEG-4, JPEG	H.264, MPEG4, MJPEG	MPEG-4, JPEG	H.264, MPEG-4, JPEG	H.264	H.264	MPEG-4	H.264	H.264
Max Frame Rate per Channel	30	30	30	30	25	12	25	25	25
Supported Cameras	Panasonic, Axis	Panasonic, Axis	Panasonic, Axis	Panasonic, Axis, Onvif	Analogue, Panasonic coax / RS485 Control	panasonic	panasonic	Panasonic / Pelco D	Panasonic / Pelco D
Motion Detection	only from camera	only from camera	only from camera	only from camera	only from camera	only from camera	VMD	✓	✓
Max Bandwidth	200 Mbps	97 Mbps	48 Mbps	80 Mbps	-	-	-	-	-
Storage Capacity / Maximum (With Expansion)	9TB / 54TB	4TB / 28TB	640 GB	-	4x HDD / 31 HDDs	4x HDD / 31 HDDs	1.5TB / 3TB	1 x 250GB / 3 HDD	1 x 250GB / 3 HDD
Image Downloaded via PC	✓	✓	✓	✓	✓	✓	✓	✓	✓
Simultaneous Client	16	8	4	1	8	8	-	-	-
Remote Software	browser, WV-ASM100	browser, WV-ASM100	browser, WV-ASM100	browser, WV-ASM100	browser, WV-ASM100	browser, WV-ASM100	Browser / Client	Browser	Browser
Alarm I/O	32 / 1	16 / 16	4	9 Alarm Inputs / 1 Alarm Output	16/16	16/16	16/4	8 Input / 2 Relay Output	4 Input / 1 Relay Output
Network Interface	10Base-T, 100Base-TX, 1000Base-T	10Base-T, 100Base-TX	10Base-T, 100Base-TX	10Base-T, 100Base-TX, 1000Base-T	10Base-T, 100Base-TX	10Base-T, 100Base-TX	10Base-T, 100Base-TX	10Base-T, 100Base-TX	10Base-T, 100Base-TX

\*Information correct at time of printing. - Weights and dimensions are approximate. - Specifications are subject to change without notice.

# SOFTWARE COMPARISON CHART

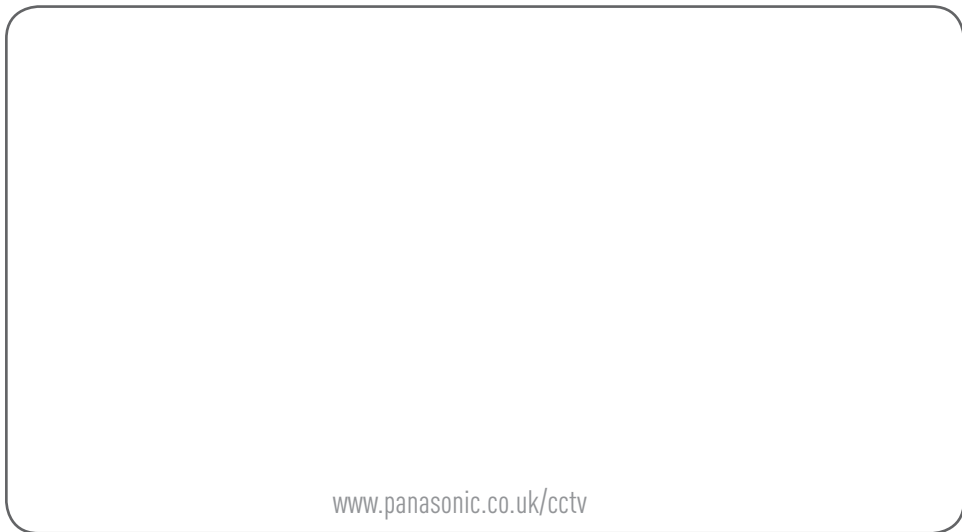
SOFTWARE						
Model No	WV-ASM970/ASC970		WV-ASM100	BB-HNP17	BB-HNP15	BB-HNP11
	WV-ASM970 IP Matrix Client Software	WV-ASC970 Virtual Matrix Server				
Supported Cameras	Panasonic, Axis	Panasonic analogue and i-Pro series network cameras	Panasonic, Axis	Panasonic	Panasonic	Panasonic
Supported Recorders	WJ-ND400, WJ-ND300, WJ-ND200, WJ-HD300, WJ-HD300A series, WJ-RT416 series, WJ-HD716 series	WJ-ND400, WJ-ND300, WJ-ND200, WJ-HD300, WJ-HD300A series, WJ-RT416 series, WJ-HD716 series	i-Pro, WJ-HD300A series, WJ-RT416 series	X	X	X
Supported Encoders	WJ-NT304, WJ-NT314, WJ-GXE500	WJ-NT304, WJ-NT314, WJ-GXE500	WJ-NT304/314	-	-	-
Supported Controllers	-	WV-CU950	WV-CU950	-	-	-
Max. Camera Registrations Direct/Recorder	-	2048 / 64	256 / 3600	64	-	-
Max. Recorder Registrations	-	64	100	-	-	-
Max. Encoder Registrations	-	64	64	-	-	-
Multiscreen		-			1/4	1
Remote Access	X	X	X	Browser	X	X
Display Performance	30 ips, MPEG-4	-	25 ips, MPEG-4	-	-	-
Multi-Monitor	2	-	3	1	1	1
No. of Maps	100 maps	-	100	-	-	-
User Management	-	512 users	32 users	-	-	-
Min. PC Requirements	Intel core 2 duo 2.66 GHz	-	Intel core 2 duo 2.66 GHz	Intel core 2 duo 2.1 GHz	Intel core 2 duo 2.66 GHz	Intel® Pentium® 4 3GHz or greater
RAM	2GB	-	1 GB	1 GB	-	512 MB
VRAM	128MB	-	128 MB	128 MB	-	128MB
Comment	Requires ASC970	-	-	-	-	-

Encoders			
Model No	WJ-GXE500	WJ-NT314	WJ-NT304
Compression	H.264, MPEG4, MJPEG	MPEG-4 / JPEG	
Dual Streaming	✓	✓	
Video Inputs	4	4	
Audio I/O	1/1	1.1	
Alarm I/O	3	4.4	
Camera Control	Coaxial / RS-485	Coaxial / RS-485	
Supported Protocols	Panasonic / Pelco-D / 3rd Party by custom program	Panasonic / Pelco-D / 3rd Party by custom program	
Resolution	VGA/QVGA/D1	VGA / QVGA	
Refresh Rate	0.1 - 25 ips / channel	0.1 - 25 ips / channel	
Bandwidth Control	✓	✓	
Video Analytics	X	✓	X

Decoders	
Model No	WJ-GXD400
Supported Cameras	Panasonic i-Pro series network cameras
Supported Encoders	Panasonic i-Pro series encoders WJ-NT304 / 314
Max Camera Registrations Direct / Recorder	256/0
Max Encoder Registrations	Included as camera
Multiscreen	
Display Performance	25ips, MPEG-4
Multi-Monitor	HDMI, Composite
User Management	32, 2 access levels

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EVERYTHING MATTERS



[www.panasonic.co.uk/cctv](http://www.panasonic.co.uk/cctv)

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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.

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