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Megapixel & IP Product Family










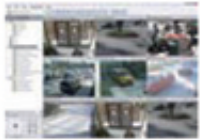
	1.3 Megapixel HD IP PTZ Dome	3.0 Megapixel HD IP Camera	3.0 Megapixel HD IP Minidome	IP Camera	
	Indoor/Outdoor	Color	Color	Color	Day/Night
Model	V1771N-N	V6201-N	V6821-N	V6101-N	V6102-N
Product Picture					
Image Sensor	1/3" progressive scan CCD	1/2.5" progressive scan CMOS	1/2.5" progressive scan CMOS	1/3" SONY SUPER HAD II CCD	1/3" SONY SUPER HAD II CCD
Zoom Ratio	18X12	-	-	-	-
Video Compression Format	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG
Three Video Streams	Available	Available	Available	Available	Available
Maximum Resolution	1.3M (1280×960) @ H.264 / M-JPEG	2.0MP (1920×1080) @ H.264; 3.0MP (2048×1536) @ M-JPEG	2.0MP (1920×1080) @ H.264; 3.0MP (2048×1536) @ M-JPEG	4CIF @ H.264 / M-JPEG	4CIF @ H.264 / M-JPEG
Optional Resolutions	Major stream: 960P, 720P; Minor stream: 432×320, 352×192	2048×1536, 1080P (1920×1080), 720P (1280×720), 320×192	2048×1536, 1080P (1920×1080), 720P (1280×720), 320×192	Major stream: 4CIF/2CIF/CIF/QCIF; Minor stream: CIF/QCIF	Major stream: 4CIF/2CIF/CIF/QCIF; Minor stream: CIF/QCIF
Frame Rate (maximum)	30 fps @1280×720; 20 fps @1280×960	15fps @2048×1536; 25fps @1920×1080	15fps @2048×1536; 25fps @1920×1080	NTSC: 30 fps; PAL: 25 fps	NTSC: 30 fps; PAL: 25 fps
Sensitivity	Color: 1.8 lux, F1.6; B/W: 0.02 lux, F1.6	0.8 lux, F1.2	0.8 lux, F1.2	0.3 lux, F1.2	Color: 0.5 lux, F1.2; B/W: 0.01 lux, F1.2
Day & Night Functionality	ICR	-	-	-	ICR
Lens Type	F 1.6~F2.8, f=4.7~84.6mm	-	F2.4, f=9mm	-	-
S/N Ratio	-	-	-	54dB	54dB
WDR	52dB	-	-	-	-
OSD	Available	-	-	-	-
Motion Detection	Available	Available	Available	Available	Available
Privacy Mask	Available	Available	Available	Available	Available
Bi-directional Audio	-	Bi-directional, G.711	-	Bi-directional, G.711	Bi-directional, G.711
Alarm	-	2 inputs, 1 output	-	2 inputs, 1 output	2 inputs, 1 output
Upgrade Online	Available	Available	Available	Available	Available
Password Protection	Available	Available	Available	Available	Available
Network Protocols	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTSP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTSP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTSP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTSP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTSP, RTSP, SNMP, ARP
Power Supply	12VDC/24VAC	PoE/12VDC/24VAC	PoE/12VDC/24VAC	PoE/12VDC/24VAC	PoE/12VDC/24VAC
ONVIF Compliance	Yes	Yes	Yes	Yes	Yes
Other	IP66 rated, vandal-resistant casing, w/ Heater & Blower	-	Vandal-resistant casing	-	-



	IP Minidome				WDR IP Minidome	
	Color	Day/Night	Color	Day/Night	Color	Color
Model	V6621-N	V6622-N	V6641-N	V6642-N	V6623-N	V6643-N
Product Picture						
Image Sensor	1/3" SONY SUPER HAD II CCD	1/3" SONY SUPER HAD II CCD	1/3" SONY SUPER HAD II CCD	1/3" SONY SUPER HAD II CCD	1/3" PXIM DPS (Digital Pixel System)	1/3" PXIM DPS (Digital Pixel System)
Zoom Ratio	-	-	-	-	-	-
Video Compression Format	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG
Three Video Streams	Available	Available	Available	Available	Available	Available
Maximum Resolution	4CIF @ H.264 / M-JPEG	4CIF @ H.264 / M-JPEG	4CIF @ H.264 / M-JPEG	4CIF @ H.264 / M-JPEG	4CIF @ H.264 / M-JPEG	4CIF @ H.264 / M-JPEG
Optional Resolutions	Major stream: 4CIF/2CIF/CIF/QCIF; Minor stream: CIF/QCIF	Major stream: 4CIF/2CIF/CIF/QCIF; Minor stream: CIF/QCIF	Major stream: 4CIF/2CIF/CIF/QCIF; Minor stream: CIF/QCIF	Major stream: 4CIF/2CIF/CIF/QCIF; Minor stream: CIF/QCIF	Major stream: 4CIF/2CIF/CIF/QCIF; Minor stream: CIF/QCIF	Major stream: 4CIF/2CIF/CIF/QCIF; Minor stream: CIF/QCIF
Frame Rate (maximum)	NTSC: 30 fps; PAL: 25 fps	NTSC: 30 fps; PAL: 25 fps	NTSC: 30 fps; PAL: 25 fps	NTSC: 30 fps; PAL: 25 fps	NTSC: 30 fps; PAL: 25 fps	NTSC: 30 fps; PAL: 25 fps
Sensitivity	0.3 lux, F1.2	Color: 0.5 lux, F1.2; B/W: 0.01 lux, F1.2	0.3 lux, F1.2	Color: 0.5 lux, F1.2; B/W: 0.01 lux, F1.2	0.5 lux, F1.2; 0.3 lux (F1.2, 32X)	0.5 lux, F1.2; 0.3 lux (F1.2, 32X)
Day & Night Functionality	-	ICR	-	ICR	-	-
Lens Type	F1.4, f=3.3-12mm	F1.4, f=3.3-12mm	F1.4, f=3.3-12mm	F1.4, f=3.3-12mm	F1.4, f=3.3-12mm	F1.4, f=3.3-12mm
S/N Ratio	54dB	54dB	54dB	54dB	52dB	52dB
WDR	-	-	-	-	120dB	120dB
OSD	-	-	-	-	Available	Available
Motion Detection	Available	Available	Available	Available	Available	Available
Privacy Mask	Available	Available	Available	Available	Available	Available
Bi-directional Audio	-	-	-	-	-	-
Alarm	-	-	-	-	-	-
Upgrade Online	Available	Available	Available	Available	Available	Available
Password Protection	Available	Available	Available	Available	Available	Available
Network Protocols	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTSP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTSP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTSP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTSP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTSP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTSP, RTSP, SNMP, ARP
Power Supply	PoE/12VDC/24VAC	PoE/12VDC/24VAC	12VDC/24VAC	12VDC/24VAC	PoE/12VDC/24VAC	12VDC/24VAC
ONVIF Compliance	Yes	Yes	Yes	Yes	Yes	Yes
Other	Vandal-resistant casing	Vandal-resistant casing	IP66 rated, vandal-resistant casing, w/ Heater & Blower	IP66 rated, vandal-resistant casing, w/ Heater & Blower	Vandal-resistant casing	IP66 rated, vandal-resistant casing, w/ Heater & Blower



	IP PTZ Dome	IP Mini PTZ Dome	IP PTZ Camera System	IP Video Encoder	
	Indoor/Outdoor	Indoor	Indoor/Outdoor	One Video Input	Four Video Inputs
Model	V1700N-N	V1731N-N	V1492N-N	V2511-N	V2511-K
Product Picture					
Image Sensor	SONY & HITACHI camras	1/4" SONY EXview HAD CCD	1/4" SONY CCD	-	-
Zoom Ratio	18X12, 22X12, 23X12, 26X12, 35X12 and 36X12	10X12	18X12, 26X12 and 36X12	-	-
Video Compression Format	H.264 / M-JPEG	H.264 / M-JPEG	H.264 / M-JPEG	H.264/ M-JPEG	H.264/ M-JPEG
Three Video Streams	Available	Available	Available	Available	Available
Maximum Resolution	4CIF @ H.264 / M-JPEG	4CIF @ H.264 / M-JPEG	4CIF @ H.264 / M-JPEG	4CIF @H.264/M-JPEG	4CIF @H.264/M-JPEG
Optional Resolutions	Major stream: 4CIF/2CIF/CIF/QCIF; Minor stream: CIF/QCIF	Major stream: 4CIF/2CIF/CIF/QCIF; Minor stream: CIF/QCIF	Major stream: 4CIF/2CIF/CIF/QCIF; Minor stream: CIF/QCIF	Major stream: 4CIF/2CIF/CIF/QCIF; Minor stream: CIF/QCIF	Major stream: 4CIF/2CIF/CIF; Minor stream: CIF/QCIF
Frame Rate (maximum)	NTSC: 30 fps; PAL: 25 fps	NTSC: 30 fps; PAL: 25 fps	NTSC: 30 fps; PAL: 25 fps	NTSC: 30 fps; PAL: 25 fps	NTSC: 30 fps; PAL: 25 fps
Sensitivity	Color: 1.0 lux (NTSC: 1/60s, PAL: 1/50s); B/W: 0.01 lux (NTSC: 1/4s, PAL: 1/3s)	1.0 lux (F1.8, NTSC: 1/60s, PAL: 1/50s)	Color: 1.0 lux (NTSC: 1/60s, PAL: 1/50s); B/W: 0.15 lux (NTSC: 1/60s, PAL: 1/50s)	-	-
Day & Night Functionality	ICR (except 18X, 26X)	-	ICR (except 18X)	-	-
Lens Type	18X:F1.4 ~ F3.0, f=4.1 ~ 73.8 mm; 22X:F1.6 ~ F3.8, f=4 ~ 88 mm; 23X:F1.6 ~ F3.7, f=3.6 ~ 82.8 mm; 26X:F1.6 ~ F3.8, f=3.5 ~ 91 mm; 35X:F1.4 ~ F4.2, f=3.4 ~ 119 mm; 36X:F1.6 ~ F4.5, f=3.4 ~ 122.4mm	F1.8~F2.9, f=4.2 mm ~ 42.0 mm	18X: F1.4 ~ F3.0, f =4.1 ~ 73.8 mm; 26X: F1.6 ~ F3.8, f=2.5 ~ 91 mm; 36X: F1.6 ~ F4.5, f=3.4 ~ 122.4 mm	-	-
S/N Ratio	>50dB	50 dB	>50dB	-	-
WDR	52dB (available for 23X, 35X, 36X)	-	52dB (available for 36X only)	-	-
OSD	Available	Available	Available	Available	Available
Motion Detection	Available	Available	Available	Available	Available
Privacy Mask	Available	Available	Available	Available	Available
Bi-directional Audio	-	-	-	Bi-directional, G.711	Bi-directional, G.711
Alarm	-	-	-	2 inputs, 1 output	4 inputs, 2 outputs
Upgrade Online	Available	Available	Available	Available	Available
Password Protection	Available	Available	Available	Available	Available
Network Protocols	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTP, RTSP, SNMP, ARP	TCP/IP, HTTP, ICMP, DHCP, UDP, SMTP, RTP, RTSP, SNMP, ARP
Power Supply	12VDC/24VAC	24VAC/24VDC	24VAC or 24VDC	PoE/12VDC/24VAC	PoE/12VDC/24VAC
ONVIF Compliance	Yes	Yes	Yes	Yes	Yes
Other	IP66 rated, vandal-resistant casing, w/ Heater & Blower	Vandal-resistant casing	IP66 rated, high strength aluminum alloy, high temperature resistant, anti-corrosion casing, w/ Wiper, Heater & Blower	-	-

Model	V2216	V2215	V2240
Functions			
Application			
Digital and hybrid Monitoring Application	Yes	-	-
Large Monitoring Application	-	Yes	-
Small-medium Monitoring Application	-	-	Yes
Video Viewing			
M-JPEG Compression	Yes	Yes	Yes
MPEG-4 Compression	Yes	Yes	Yes
H.264 Compression	Yes		Yes
Real Time Play	1/4/6/8/9/16 photos	From 1x1 to 8x8	From 1x1 to 6x6
Video Stream Capture	From SMT server or device	From server (similar to SMT)	From server (similar to SMT)
Snapshot	Yes	No	Yes
PTZ	Yes	Yes	Yes
Event Timer	Yes	No	No
TV Wall Operation	Yes	Yes	Yes
Playback			
Multiple-photo Playback	Yes	Yes	Yes
Sync Playback	Yes	Yes	Yes
Record			
Record Scheme	Yes	Yes	Yes
Record File Compression	Yes	Yes	Yes
Local Storage	Yes	Yes	Yes
Network Storage	Yes	Yes	Yes
Pre-event Recording	Yes	Yes	Yes
Post-event Recording	Yes	Yes	Yes
Others			
Database Installation	Yes	No	No
Database Backup	Yes	No	No
Encryption	USB -KEY	Serial Number	Serial Number
Compatibility	INFINOVA	Multiple manufacturers	Multiple manufacturers
Area Setup	Yes	No	No
Device Online Detection	Yes	Yes	Yes
Device Search	Yes	Yes	Yes
User and Priority Management	Yes	Yes	Yes
Control	External-joystick control	External-joystick control	Keyboard control
User and Priority Management	Yes	Yes	Yes

