

Network Camera Selection
















					
Image Sensor	1/2.8" 3M PS CMOS	1/3" 1.3M PS CMOS	1/3" Super HAD PS CCD	1/3" Super HAD PS CCD	1/3" Super HAD PS CCD
Min. Illumination	Color : 1Lux (50 IRE) B/W : 0.08Lux (50 IRE)	Color : 0.3Lux (50 IRE) B/W : 0.01Lux (50 IRE)	Color : 0.4Lux (50 IRE) B/W : 0.04Lux (50 IRE)	Color : 0.4Lux (50 IRE) B/W : 0.04Lux (50 IRE)	Color : 0.4Lux (50 IRE) B/W : 0.4Lux (50 IRE)
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (S/W)
Wide Dynamic Range	Yes	N/A	Yes	Yes	N/A
Analogue Out	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p
Focal Length	N/A	N/A	N/A	N/A	N/A
Zoom Ratio	N/A	N/A	N/A	N/A	N/A
Video Compression	H.264, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG
Streaming	Multiple streaming	Multiple streaming	Multiple streaming	Dual streaming	Dual streaming
Max. Resolution	2048 x 1536	1280 x 1024	NTSC : 704 x 480, PAL : 704 x 576	NTSC : 704 x 480, PAL : 704 x 576	NTSC : 704 x 480, PAL : 704 x 576
Max. Frame Rate	20fps at 3M	30fps	NTSC : 30fps, PAL : 25fps	NTSC : 30fps, PAL : 25fps	NTSC : 30fps, PAL : 25fps
Audio I/O	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	N/A
Audio Compression	G.711 u-law	G.711 u-law	G.711 u-law	G.711 u-law	N/A
Memory Slot	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	N/A
Alarm I/O	1 / 1	1 / 1	1 / 1	2 / 2	2 / 2
Intelligent Video Analytics	Yes	Yes	Tampering	Yes	N/A
Network Protocol	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF
Security	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log	HTTPS(SSL) login authentication, Digest login authentication, User access log
Power Requirement	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)






					
Image Sensor	1/4" PS CMOS	1/3" 1.3M PS CMOS	1/2.8" 3M PS CMOS	1/3" 1.3M PS CMOS	1/4" PS CMOS
Min. Illumination	0.7Lux	Color : 0.7Lux (50 IRE) B/W : 0.08Lux (50 IRE)	Color : 1Lux (50 IRE) B/W : 0Lux (50 IRE, IR LED on)	Color : 0.3Lux (50 IRE) B/W : 0Lux (50 IRE, IR LED on)	0.7Lux
Day & Night	Yes (S/W)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	N/A	N/A	Yes	N/A	N/A
Analogue Out	DIP connector type	CVBS 1.0Vp-p	CVBS 1.0Vp-p	DIP connector type	DIP connector type
Focal Length	N/A	4.45 ~ 89mm	3 ~ 8.5mm (Motorized V/F lens)	2.8 ~ 10mm	2.3 ~ 7.9mm
Zoom Ratio	N/A	20x	2.8x	3.6x	3.4x
Video Compression	H.264, MJPEG	H.264, MPEG-4, MJPEG	H.264, MJPEG	H.264, MPEG-4, MJPEG	H.264, MJPEG
Streaming	Multiple streaming	Multiple streaming	Multiple streaming	Multiple streaming	Multiple streaming
Max. Resolution	640 x 480	1280 x 1024	2048 x 1536	1280 x 1024	640 x 480
Max. Frame Rate	30fps	30fps	20fps at 3M	30fps at HD (720p)	30fps at all resolutions
Audio I/O	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	N/A	Mic / Line in, Line out (2-Way)
Audio Compression	G.711 u-law	G.711 u-law	G.711 u-law	N/A	G.711 u-law
Memory Slot	Yes (Micro SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC, 4GB included)	N/A	N/A
Alarm I/O	Input 1	1 / 1	1 / 1	1 / 1	Input 1
Intelligent Video Analytics	Face detection	Yes	N/A	Yes	Face detection
Network Protocol	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, ONVIF
Security	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication
Power Requirement	12V DC, PoE (IEEE802.3af)	12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	12V DC, PoE (IEEE802.3af)



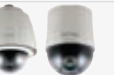

Network Camera Selection

	 SND-7080/7080F	 SND-5080/5080F	 SND-3082/3082F	 SND-3080(C)/3080(C)F	 SND-1080
Image Sensor	1/2.8" 3M PS CMOS	1/3" 1.3M PS CMOS	1/3" Super HAD PS CCD	1/3" Super HAD PS CCD	1/4" PS CMOS
Min. Illumination	Color : 1Lux (50 IRE) B/W : 0.08Lux (50 IRE)	Color : 0.3Lux (50 IRE) B/W : 0.01Lux (50 IRE)	Color : 0.4Lux (50 IRE) B/W : 0.04Lux (50 IRE)	Color : 0.4Lux (50 IRE) B/W : 0.4Lux (50 IRE)	0.7Lux
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (S/W)	Yes (S/W)
Wide Dynamic Range	Yes	N/A	Yes	Yes	N/A
Analogue Out	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p	DIP connector type
Focal Length	3 ~ 8.5mm (Motorized V/F lens)	2.8 ~ 10mm	2.8 ~ 11mm	2.8 ~ 11mm	2.2 ~ 7.7mm
Zoom Ratio	2.8x	3.6x	3.9x	3.9x	3.5x
Video Compression	H.264, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MJPEG
Streaming	Multiple streaming	Multiple streaming	Multiple streaming	Dual streaming	Multiple streaming
Max. Resolution	2048 x 1536	1280 x 1024	NTSC : 704 x 480, PAL : 704 x 576	NTSC : 704 x 480, PAL : 704 x 576	640 x 480
Max. Frame Rate	20fps at 3M	30fps	NTSC : 30fps, PAL : 25fps	NTSC : 30fps, PAL : 25fps	30fps at all resolutions
Audio I/O	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	N/A	Mic / Line in, Line out (Bi-directional audio)
Audio Compression	G.711 u-law	G.711 u-law	G.711 u-law	N/A	G.711 u-law
Memory Slot	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (Micro SD/SDHC)
Alarm I/O	1 / 1	1 / 1	2 / 2	2 / 2	Input 1
Intelligent Video Analytics	Yes	Yes	Tampering	Objects counting : SND-3080C/3080CF	Face detection
Network Protocol	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, ONVIF
Security	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication
Power Requirement	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	12V DC, PoE (IEEE802.3af)

	 SND-1011	 SNV-7080	 SNV-5080	 SNV-5010	 SNV-3120
Image Sensor	1/4" PS CMOS	1/2.8" 3M PS CMOS	1/3" 1.3M PS CMOS	1/3" 1.3M PS CMOS	1/4" Ex-view HAD PS CCD
Min. Illumination	0.7Lux	Color : 1Lux (50 IRE) B/W : 0.08Lux (50 IRE)	Color : 0.3Lux (50 IRE) B/W : 0.01Lux (50 IRE)	Color : 1Lux (50 IRE)	Color : 0.7Lux (50 IRE) B/W : 0.07Lux (50 IRE)
Day & Night	Yes (S/W)	Yes (ICR)	Yes (ICR)	N/A	Yes (ICR)
Wide Dynamic Range	N/A	Yes	N/A	N/A	Yes
Analogue Out	DIP connector type	CVBS 1.0Vp-p	CVBS 1.0Vp-p	DIP connector type	CVBS 1.0Vp-p
Focal Length	3mm	3 ~ 8.5mm (Motorized V/F lens)	2.8 ~ 10mm	3mm	3.69 ~ 44.32mm
Zoom Ratio	N/A	2.8x	3.6x	N/A	12x
Video Compression	H.264, MJPEG	H.264, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG
Streaming	Multiple streaming	Multiple streaming	Multiple streaming	Multiple streaming	Multiple streaming
Max. Resolution	640 x 480	2048 x 1536	1280 x 1024	1280 x 1024	NTSC : 704 x 480, PAL : 704 x 576
Max. Frame Rate	30fps at all resolutions	20fps at 3M	30fps	30fps	NTSC : 30fps, PAL : 25fps
Audio I/O	N/A	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	N/A	Mic / Line in, Line out (Bi-directional audio)
Audio Compression	N/A	G.711 u-law	G.711 u-law	N/A	G.711 u-law
Memory Slot	Yes (Micro SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	N/A	Yes (SD/SDHC)
Alarm I/O	Input 1	1 / 1	1 / 1	N/A	1 / 1
Intelligent Video Analytics	Face detection	Yes	Yes	Yes	Yes
Network Protocol	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF
Security	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log
Power Requirement	12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)

Network Camera Selection

	SNV-3082	SNV-3080	SNV-1080	SNV-7080R	SNV-5080R
					
Image Sensor	1/3" Super HAD PS CCD	1/3" Super HAD PS CCD	1/4" PS CMOS	1/2.8" 3M PS CMOS	1/3" 1.3M PS CMOS
Min. Illumination	Color : 0.4Lux (50 IRE) B/W : 0.04Lux (50 IRE)	Color : 0.4Lux (50 IRE) B/W : 0.04Lux (50 IRE)	0.7Lux	Color : 1Lux (50 IRE) B/W : 0Lux (50 IRE, IR LED on)	Color : 0.3Lux (50 IRE) B/W : 0Lux (50 IRE, IR LED on)
Day & Night	Yes (ICR)	Yes (ICR)	Yes (S/W)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	Yes	Yes	N/A	Yes	N/A
Analogue Out	CVBS 1.0Vp-p	CVBS 1.0Vp-p	DIP connector type	CVBS 1.0Vp-p	CVBS 1.0Vp-p
Focal Length	2.8 ~ 11mm	2.8 ~ 11mm	2.2 ~ 7.7mm	3 ~ 8.5mm (Motorized V/F lens)	3 ~ 8.5mm (Motorized V/F lens)
Zoom Ratio	3.9x	3.9x	3.5x	2.8x	2.8x
Video Compression	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MJPEG	H.264, MJPEG	H.264, MPEG-4, MJPEG
Streaming	Multiple streaming	Dual streaming	Multiple streaming	Multiple streaming	Multiple streaming
Max. Resolution	NTSC : 704 x 480, PAL : 704 x 576	NTSC : 704 x 480, PAL : 704 x 576	640 x 480	2048 x 1536	1280 x 1024
Max. Frame Rate	NTSC : 30fps, PAL : 25fps	NTSC : 30fps, PAL : 25fps	30fps at all resolutions	20fps at 3M	30fps at HD (720p)
Audio I/O	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)
Audio Compression	G.711 u-law	G.711 u-law	G.711 u-law	G.711 u-law	G.711 u-law
Memory Slot	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (Micro SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)
Alarm I/O	1 / 1	2 / 2	Input 1	1 / 1	1 / 1
Intelligent Video Analytics	Tampering	Yes	Face detection	Yes	Yes
Network Protocol	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, QoS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF
Security	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log
Power Requirement	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)	24V AC, 12V DC, PoE (IEEE802.3af)

	SNP-5200/5200H	SNP-3371TH/3371H	SNP-3371	SNP-3302H/3302	SNP-3120/3120V/3120VH
					
Image Sensor	1/3" 1.3M PS CMOS	1/4" Vertical double density interline CCD	1/4" Vertical double density interline CCD	1/4" Vertical double density interline CCD	1/4" Ex-view HAD PS CCD
Min. Illumination	Color : 0.7Lux (50 IRE) B/W : 0.08Lux (50 IRE)	Color : 0.7Lux (50 IRE) B/W : 0.07Lux (50 IRE)	Color : 0.7Lux (50 IRE) B/W : 0.07Lux (50 IRE)	Color : 0.7Lux (50 IRE) B/W : 0.07Lux (50 IRE)	Color : 0.7Lux (50 IRE) B/W : 0.07Lux (50 IRE)
Day & Night	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)	Yes (ICR)
Wide Dynamic Range	N/A	Yes	Yes	Yes	Yes
Analogue Out	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p	CVBS 1.0Vp-p
Focal Length	4.45 ~ 89mm	3.5 ~ 129.5mm	3.5 ~ 129.5mm	3.5 ~ 105.3mm	3.69 ~ 44.32mm
Zoom Ratio	20x	37x	37x	30x	12x
Video Compression	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG	H.264, MPEG-4, MJPEG
Streaming	Multiple streaming	Multiple streaming	Multiple streaming	Multiple streaming	Multiple streaming
Max. Resolution	1280 x 1024	NTSC : 704 x 480, PAL : 704 x 576	NTSC : 704 x 480, PAL : 704 x 576	NTSC : 704 x 480, PAL : 704 x 576	NTSC : 704 x 480, PAL : 704 x 576
Max. Frame Rate	30fps at all resolutions	NTSC : 30fps, PAL : 25fps	NTSC : 30fps, PAL : 25fps	NTSC : 30fps, PAL : 25fps	NTSC : 30fps, PAL : 25fps
Audio I/O	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)	Mic / Line in, Line out (Bi-directional audio)
Audio Compression	G.711 u-law	G.711 u-law	G.711 u-law	G.711 u-law	G.711 u-law
Memory Slot	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)	Yes (SD/SDHC)
Alarm I/O	4 / 2	4 / 2	4 / 2	4 / 2	2 / 2
Intelligent Video Analytics	Yes	Auto tracking : SNP-3371TH	Yes	Yes	Moved / Fixed
Network Protocol	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF	IPv4/IPv6, TCP/IP, UDP/IP, RTP(UDP), RTP(TCP), RTSP, NTP, HTTP, HTTPS, SSL, DHCP, FTP, SMTP, ICMP, IGMP, SNMPv1/v2c/v3(MIB-2), ARP, DNS, DDNS, ONVIF
Security	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log, 802.1x authentication	HTTPS(SSL) login authentication, Digest login authentication, IP address filtering, User access log
Power Requirement	24V AC, PoE+ (IEEE802.3at)	24V AC, PoE+ (IEEE802.3at)	24V AC, PoE+ (IEEE802.3at)	24V AC, PoE+ (IEEE802.3at)	24V AC, PoE+ (IEEE802.3at)