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## X Series

Ultra Compact HD Cameras



**IPELA**

Category	X Series					
Sony Network Cameras	 Full HD 1080 Exmor DEPA Onvif	 Full HD 1080 Exmor DEPA Onvif	 Full HD 1080 Exmor DEPA Onvif	 HD DEPA Onvif	 HD DEPA Onvif	 HD DEPA Onvif
Model Name	SNC-CH210	SNC-DH210	SNC-DH210T	SNC-CH110	SNC-DH110	SNC-DH110T
Image Device	1/2.8 type progressive scan "Exmor" CMOS sensor	1/2.8 type progressive scan "Exmor" CMOS sensor	1/2.8 type progressive scan "Exmor" CMOS sensor	1/3.8 type progressive scan CMOS sensor	1/3.8 type progressive scan CMOS sensor	1/3.8 type progressive scan CMOS sensor
Minimum Illumination	2.0 lx (AGC 38 dB/50 IRE [IP])	2.0 lx (AGC [38 dB] / 50IRE [IP])	2.0 lx (AGC [38 dB] / 50IRE [IP])	Tentative	Tentative	Tentative
Number of Effective Pixels	3 Megapixel (2096x1561)	3 Megapixel (2096x1561)	3 Megapixel (2096x1561)	1.3 Megapixel (1296x985)	1.3 Megapixel (1296x985)	1.3 Megapixel (1296x985)
Lens Type	Fixed	Fixed	Fixed	Fixed	Fixed	Fixed
F-number	F2.8	F2.8	F2.8	F2.8 (Tentative)	F2.8 (Tentative)	F2.8 (Tentative)
Day/Night	Yes (Electrical D/N)	Yes (Electrical D/N)	Yes (Electrical D/N)	Yes (Electrical D/N)	Yes (Electrical D/N)	Yes (Electrical D/N)
Noise Reduction	Yes	Yes	Yes	Yes	Yes	Yes
Codec Image Size (H x V)	2048x1536(JPEG only), 1920x1080, 1600x1200, 1680x1056, 1440x912, 1280x1024, 1280x960, 1376x768, 1280x800, 1280x720, 1024x768, 1024x576, 768x576, 720x576, 704x576, 800x480, 720x480, 640x480, 640x368, 384x288, 352x288, 320x240, 320x192, 176x144	2048x1536(JPEG only), 1920x1080, 1600x1200, 1680x1056, 1440x912, 1280x1024, 1280x960, 1376x768, 1280x800, 1280x720, 1024x768, 1024x576, 768x576, 720x576, 704x576, 800x480, 720x480, 640x480, 640x368, 384x288, 352x288, 320x240, 320x192, 176x144	2048x1536(JPEG only), 1920x1080, 1600x1200, 1680x1056, 1440x912, 1280x1024, 1280x960, 1376x768, 1280x800, 1280x720, 1024x768, 1024x576, 768x576, 720x576, 704x576, 800x480, 720x480, 640x480, 640x368, 384x288, 352x288, 320x240, 320x192, 176x144	1280x960, 1280x720, 1024x768, 1024x576, 768x576, 720x576, 704x576, 800x480, 720x480, 640x480, 640x368, 384x288, 352x288, 320x240, 320x192, 176x144	1280x960, 1280x720, 1024x768, 1024x576, 768x576, 720x576, 704x576, 800x480, 720x480, 640x480, 640x368, 384x288, 352x288, 320x240, 320x192, 176x144	1280x960, 1280x720, 1024x768, 1024x576, 768x576, 720x576, 704x576, 800x480, 720x480, 640x480, 640x368, 384x288, 352x288, 320x240, 320x192, 176x144
Video Compression Format	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
Maximum Frame Rate	JPEG:12fps(2048x1536) / 15fps(1920x1080)/30fps(1280x720) MPEG-4:15fps(1920x1080)/30fps(1280x720) H.264:15fps(1920x1080)/30fps(1280x720)	JPEG:12fps(2048x1536) / 15fps(1920x1080)/30fps(1280x720) MPEG-4:15fps(1920x1080)/30fps(1280x720) H.264:15fps(1920x1080)/30fps(1280x720)	JPEG:12fps(2048x1536) / 15fps(1920x1080)/30fps(1280x720) MPEG-4:15fps(1920x1080)/30fps(1280x720) H.264:15fps(1920x1080)/30fps(1280x720)	JPEG:30fps(1280x960) MPEG-4:30fps(1280x960) H.264:30fps(1280x960) (Tentative)	JPEG:30fps(1280x960) MPEG-4:30fps(1280x960) H.264:30fps(1280x960) (Tentative)	JPEG:30fps(1280x960) MPEG-4:30fps(1280x960) H.264:30fps(1280x960) (Tentative)
Protocols	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP(MIB-2)	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP(MIB-2)	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP(MIB-2)	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP(MIB-2)	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP(MIB-2)	IPv4, IPv6, TCP, UDP, ARP, ICMP, IGMP, HTTP, HTTPS, FTP (client), SMTP, DHCP, DNS, NTP, RTP/RTCP, RTSP, SNMP(MIB-2)
Sensor Input	x 1	x 1	x 1	x 1	x 1	x 1
Mass	100g (3.5 oz)	150g (5.3 oz)	150g (5.3 oz)	100g (3.5 oz)	150g (5.3 oz)	150g (5.3 oz)
Dimensions (ø x H)	ø 44 x 93 mm (ø 1 3/4 x 3 3/4 inches)	ø 106 x 50.5 mm (ø 4 1/4 x 2 1/8 inches)	ø 106 x 50.5 mm (ø 4 1/4 x 2 1/8 inches)	ø 44 x 93 mm (ø 1 3/4 x 3 3/4 inches)	ø 106 x 50.5 mm (ø 4 1/4 x 2 1/8 inches)	ø 106 x 57.5 mm (ø 4 1/4 x 2 3/8 inches)
Power Requirements	PoE	PoE	PoE	PoE	PoE	PoE
Working Temperature	0 °C to 50 °C (32°F to 122°F)	0 °C to 50 °C (32°F to 122°F)	0 °C to 50 °C (32°F to 122°F)	0 °C to 50 °C (32°F to 122°F)	0 °C to 50 °C (32°F to 122°F)	0 °C to 50 °C (32°F to 122°F)

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