



Item		X5		
Camera				
Image Sensor		1/2.8" Sony Progressive CMOS		
Effective Pixels		1920(H) x 1080(V)		
Shutter Speed		1 - 1/10000 sec.		
Lens				
Lens Type		Vari-focal	Motorized	Auto focus
Focal Length		3 - 9 mm	3 - 9 mm	3 - 9 mm
F Number		F 1.2	F 1.2	F 1.2 (Wide); F2.1 (Tele)
FOV		101.2° (Wide); 33.73° (Tele)	101.2° (Wide); 33.73° (Tele)	135.6° (Wide); 45.5° (Tele)
Minimum Illumination		TBD	TBD	TBD
Operation				
Multiple Languages		English / French / German / Italian / Korean / Simplified Chinese / Traditional Chinese / Russian / Portuguese / Japanese / Spanish		
Image Setting	Iris Control*	DC Iris	DC Iris	DC Iris / P-Iris
	Backlight Compensation	On/Off		
	White Balance	Auto / Manual / ATW / Indoor / Outdoor		
	Noise Reduction	3D/2D	Low / Middle / High / Off	
	Wide Dynamic Range	Shutter WDR (96dB)		
	Privacy Mask	On/Off		
	Brightness	Manual		
	Exposure	Auto / Manual		
	Sharpness	Manual		
	Contrast	Manual		
	Saturation	Manual		
	Hue	Manual		
	Digital Zoom	Support		
	Motion Detection	On / Off / By Schedule		
	Privacy Mask Type	Color		
	ICR	Auto / Day / Night / Smart		
ICR + IR LED*	Auto / LED On / LED Off / Light Sensor			
Tampering Alarm	On / Off / By Schedule			
Digital Image Stabilization (DIS)	On/Off			
Audio		Line in / Line Out		
Compression		G.711/G.726		
Network				
Interface		RJ-45, 10/100/1000 Mbps Ethernet		
Video Compression		H.264 (MPEG-4 Part 10/AVC) / MJPEG		
Video Streaming	Dual Streams	PAL: H.264 1080P(50 fps) + H.264/MJPEG D1(50 fps) NTSC: H.264 1080P(60 fps) + H.264 D1 (30 fps) H.264 1080P(60 fps) + MJPEG VGA (30 fps)		
	Quad Streams	H.264 1080P(25/30 fps) + H.264 720P(25/30 fps) + H.264 720P(25/30 fps) + H.264/MJPEG CIF(25/30 fps)		
Video Resolution		Full HD 1080P / SXGA / HD 720P / XGA / SVGA / D1 / VGA / CIF / QCIF @50/60fps or 25/30fps (2 shutter WDR)		
Protocol		ARP, IPv4/v6, TCP/IP, UDP, RTP, RTSP, HTTP, HTTPS, ICMP, FTP, SMTP, DHCP, PPPoE, UPnP, IGMP, SNMP, QoS, ONVIF		
Security		HTTPS / IP Filter / IEEE 802.1X		
Alarm	Input	1 Set 5V 10kΩ pull up		
	Output	1 Set Photo Relay Output 300V DC/AC		
Event Notification		HTTP / FTP / SMTP		
Micro SD		microSDHC 32GB support		
Supported Web Browser		Internet Explorer (6.0+) / Chrome / Firefox / Safari		
User Account		20		
Password Levels		User and Administrator		
Mechanical				
Built-in IR Illuminator*	Working Distance	up to 25 m		
	Wavelength	850 nm		
	Number of LEDs	24		
LED Indicator		Power / Link / ACT		
Connectors	Alarm	4 Pin Terminal Block		
	Power	3 Pin Terminal Block		
	Ethernet	RJ-45		
	Analog Video	1.0 Vp-p / 75 Ω, BNC		
Audio	Stereo phone jack, Φ 3.5 mm			
General				
Operating Temperature		-10°C - 50°C (14° - 122°F)		
Humidity		10% - 90%, No Condensation		
Weatherproof Standard*		IP66		
Dimension	w/o Sunshield	Ø 84 x 260 mm (Ø 3.3 x 7.1 in.)		
	w/ Sunshield	Ø 90 x 270 mm (Ø 3.3 x 7.6 in.) w/ Sunshield		
Weight		940 g (2.07 lb)		
Power Source		DC 12V / AC 24V / PoE+		
Power Consumption	System	5.4W	6.9W	8W
	LED	2.5W		
	Heater	7W		
Regulatory		CE / FCC / RoHS		

* mark for optional items

Product specification and availability are subject to change without notice.