



Item		XOS7-B			
Camera					
Image Sensor		1/2.8" Sony Progressive CMOS			
Effective Pixels		1920(H) x 1080(V)			
Minimum Illumination		Color 0.01 lux, B/W 0.001 lux, IR LED ON 0 lux			
Shutter Speed		1 sec. ~ 1/10000 sec.			
Lens					
Lens		Board	Vari-focal	Motorized	Motorized
Focal Length		4.0 mm	3 ~ 9 mm	3 ~ 9 mm	2.8 ~ 12 mm
F Number		F 1.5	F 1.2	F 1.2	F 1.2 (Wide); F2.1 (Tele)
FOV		74.1°	101.2° (Wide); 33.73° (Tele)	101.2° (Wide); 33.73° (Tele)	135.6° (Wide); 25.5° (Tele)
Operation					
Multiple Languages		English / French / German / Italian / Korean / Simplified Chinese / Turkish / Russian / Portuguese / Japanese / Spanish			
Image Setting	Iris Control*	DC 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			
	Audio	ICR	Auto / On / Off / Smart		
ICR + IR LED*		Auto / LED On / LED Off / Light Sensor			
Tampering Alarm		On / Off / By Schedule			
Digital Image Stabilization (DIS)		On/Off			
Two-way Audio		Line in / Line Out			
Compression		G.711/G.726			
Network					
Interface		RJ-45, 10/100/1000 Mbps Ethernet			
Video Compression		H.264 / 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		IPv4/v6, TCP/IP, UDP, RTP, RTSP, RTCP, ARP, HTTP, HTTPS, ICMP, FTP, SMTP, NTP, DNS, 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 64GB 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 30 m			
	Wavelength	850 nm			
	IR LEDs	Vari-focal / Motorized / 3x Board			
LED Indicator		Power / Link / ACT			
Connectors	Alarm	4 of 6 Pin Terminal Block			
	Power	4 Pin Terminal Block (Female)			
	Ethernet	RJ-45			
	Analog Video	1.0 Vp-p / 75 Ω, BNC			
	Audio	Stereo phone jack, Φ 3.5 mm			
RS-485		D+, D- (2 of 6 Pin Terminal Block)			
General					
Operating Temperature		-10°C ~ 50°C (14° ~ 122°F) and with heater -40°C ~ 50°C (-40° ~ 122°F)			
Humidity		10% ~ 90%, No Condensation			
Weatherproof Standard*		IP66			
Dimension	w/o Sunshield	Φ110 x 100.58 mm	Φ110 x 127.58 mm	Φ110 x 127.58 mm	Φ110 x 127.58 mm
	w/ Sunshield	Φ114.38 x 89.38 x 206.88 mm	Φ114.38 x 116.38 x 206.88 mm	Φ114.38 x 116.38 x 206.88 mm	Φ114.38 x 116.38 x 206.88 mm
Weight		TBD	TBD	TBD	430g
Power Source		DC 12V / AC 24V / PoE+			
Power Consumption	System	5.4W	5.4W	6.9W	8W
	LED on	+2.5W			
	Heater on	+7W			
Regulatory		CE / FCC / RoHS			

* mark for optional items

Product specification and availability are subject to change without notice.

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