

Ultra Dynamic Range IP Camera XB Series



Item		XB		
Camera				
Image Sensor	1/2.8" Sony Progressive CMOS			
Effective Pixels	1920(H) x 1080(V)			
Shutter Speed	1 - 1/10000 sec.			
Lens				
Lens	Vari-focal	Motorized	3x Optical Zoom Lens	
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 / On / Off / Smart			
ICR + IR LED*	Auto / LED On / LED Off / Light Sensor			
Tampering Alarm	On / Off / By Schedule			
Digital Image Stabilization	On/Off			
Audio	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 (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	Vari-focal / Motorized / 3x - 24 Board - 23		
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	w/o Heater: -10°C - 50°C (14° - 122° F) w/ Heater: -40°C - 50°C (-31° - 122° F)			
Humidity	10% - 90%, No Condensation			
Weatherproof Standard*	IP66			
Dimension	w/o Sunshield	Ø110 x 127.58 mm		
	w/ Sunshield	Ø114.38 x 116.38 x 206.88 mm		
Weight	430g			
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.