



IndigoVision



Fixed Cameras

High-end: performance, not price tag.

With BX 4MP and 4K Fixed Cameras you get supreme connectivity and flexibility, combined with great video and audio. You also get maximum reliability, and the other significant benefits of IndigoVision's Distributed Network Architecture. BX 4MP and 4K Fixed Cameras deliver a different dimension of safety when combined with IndigoVision's Control Center.

Key Features

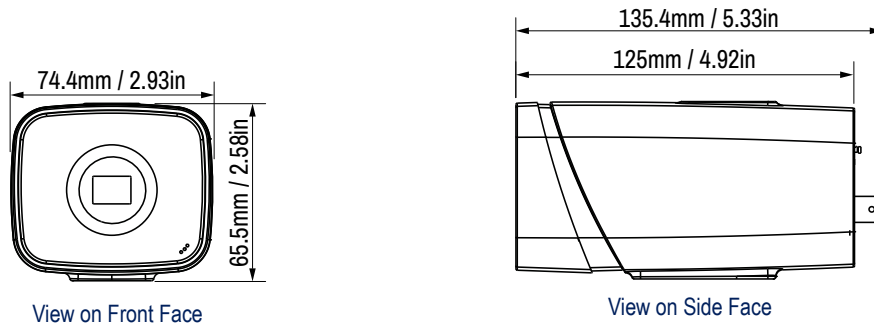
OTHER	INTELLIGENCE	COMPRESSION	SENSOR	DNA	PoE	PoE+	ONVIF	CyberVigilant®			
				Analytics	Motion Detection	H.265	H.264	UP TO 30fps	G.711	Day/Night	WDR
				4MP	4K						

Product Codes

BX620 Fixed Cameras	Product Code
4MP Fixed Camera Standard Lens, 2.7-12mm	611620
4MP Fixed Camera Telephoto Lens, 5-50mm	611621
4K Fixed Camera Standard Lens, 3.7-16mm	614620
4K Fixed Camera Telephoto Lens, 10.5-42mm	614621

* Firmware update on 4K model available from end of Q3 2019.

Dimensions



Specification

Camera Features	4MP	4K
Sensor	1/3" Progressive CMOS	1/1.7" Progressive CMOS
Active Pixels (HxV)	4MP (2560x1440)	12MP (4000 x 3000)
Minimum Sensitivity	Day: 0.01 Lux (color). Night: 0.001 Lux (mono). 30 IRE, F1.4, 1/15s shutter	Day: 0.05 Lux (color). Night: 0.005 Lux (mono). 30 IRE, F1.4, 1/15s shutter
Dynamic Range	WDR > 120dB	WDR > 100dB
Gain Control	Auto/Manual	
Back Light Compensation	On/Off	
White Balance Mode	Auto/Manual	
Day/Night	True Day/Night with Mechanical IR Cut Filter	
Video Resolution	4000x3000 pixels (12MP)**; 4096x2160 pixels (8MP)**; 3840x2160 pixels (8MP)**; 3072x2048 pixels (6MP)**; 2560x1440 pixels (4MP)*; 2304x1296 pixels (3MP)*; 1920x1080 pixels (HD); 1280x960 pixels (1.3MP); 1280x720 pixels (720p); 704x576 pixels (D1); 704x480 pixels (D1) 352x288 pixels (SIF); 352x240 pixels (SIF)	
Signal/Noise Level	> 50dB	
Lens Options	Standard Lens: 2.7mm - 12mm, F1.6, Vari-focal, CS mount with Auto Back Focus Telephoto Lens: 5mm - 50mm, F1.6, Vari-focal, CS mount with Auto Back Focus	Standard Lens: 3.7mm - 16mm, F1.5, Vari-focal, CS mount with Auto Back Focus Telephoto Lens: 10.5-42mm, F1.5, Vari-focal, CS mount with Auto Back Focus
Iris Control	Auto Iris	
Shutter	Rolling; Auto from 1/3 - 1/10,000 sec	
Exposure Control	Auto/Low Noise/Low Motion Blur/Manual	
Video Compression	Full frame rate, full color: H.264/MJPEG ; up to 30fps (ISO 14496-10)	Full frame rate, full color: H.265/H.264/MJPEG ; up to 30fps (ISO 14496-10)
Video Bit Rate	User-configurable bit rates from 64Kbps up to 8Mbps	
Video Multi-Streaming	Up to 32Mbps total video output; Unlimited multicast connections. Up to four 8Mbps unicast connections; Up to sixteen 1Mbps unicast connections	
Video Multi-Encoder	Up to two simultaneous resolutions including: 12MP (20fps)**; 4K(30fps)**; 5MP(30fps)**; 4MP (20fps)*; 3MP (30fps)*; 1080p (30fps); 720p (30fps); D1 (30fps); SIF (30fps)	
Video Output	PAL composite video, 75 Ohms 1V p-p, BNC connector	
Video Analytics	Motion Detection, Tripwire, Intrusion, Abandoned Object, Missing Object, Scene Change, Video Tamper, Defocus Detect, Face Detection	Motion Detection, Tripwire [^] , Intrusion [^] , Abandoned Object [^] , Missing Object [^] , Scene Change [^] , Video Tamper [^] , Defocus Detect [^] , Face Detection [^]
Audio Compression	G.711	
Audio Bit Rate	32Kbps per channel	
Audio Resolution	Full Duplex, 8kHz or 16kHz sample rate. Mono Input, Mono Output	
Audio Analytics	Audio Intensity High, Audio Input Abnormal	Audio Intensity High [^] , Audio Input Abnormal [^]
Audio Input	Line in, 3.5mm jack connector	
Audio Output	Line out, 3.5mm jack connector	
Binary Input/Output	2 Pull up inputs for non powered contacts; 1 Solid state open collector output, Max 5.0V, 30mA	
Network Interface	IEEE802.3 and IETF standards: 10/100 Base-T Ethernet, IPv4/IPv6, TCP, UDP, RTP, RTSP, ICMP, IGMP, SNMP, HTTP, HTTPS, SSH, PPPoE, uPnP, QoS, DHCP	IEEE802.3 and IETF standards: 100/1000 Base-T Ethernet, IPv4/IPv6, TCP, UDP, RTP, RTSP, ICMP, IGMP, SNMP, HTTP, HTTPS, SSH, PPPoE, uPnP, QoS, DHCP
Network Security	HTTPS, IP Filter, IEEE 802.1x	
CyberVigilant[®] Technology	Yes	Yes [^]
Time	Embedded real-time clock, NTP client	
SD Storage	microSDHC 128GB support (card not included)***	
Dimension/Weight	Camera only: 135.4mm (d) x 74.4mm (w) x 65.5mm (h) and 0.3Kg / 5.33in (d) x 2.94in (w) x 2.58in (h) and 0.66lb Standard lens only: 33.7mm (dia) x 57.6mm (d) and 0.735Kg / 1.33in (dia) x 2.27in (d) and 1.62lb Camera with standard lens: 193mm (d) x 74.4mm (w) x 65.5mm (h) and 1.035Kg / 7.6in (d) x 2.93in (w) x 2.58in (h) and 2.28lb Telephoto lens only: 47.0mm (dia) x 85.9mm (d) and 0.195Kg / 1.85in (dia) x 3.38in (d) and 0.43lb Camera with telephoto lens: 221.3mm (d) x 74.4mm (w) x 65.5mm (h) and 0.495Kg / 8.71in (d) x 2.92in (w) x 2.57in (h) and 1.09lb	Camera only: 135.4mm (d) x 74.4mm (w) x 65.5mm (h) and 0.3Kg / 5.33in (d) x 2.93in (w) x 2.58in (h) and 0.66lb Standard lens only: 54mm (dia) x 82.8mm (d) and 0.27Kg / 2.13in (dia) x 3.26in (d) and 0.60lb Camera with standard lens: 218.20mm (d) x 74.4mm (w) x 65.5mm (h) and 0.57Kg / 8.59in (d) x 2.93in (w) x 2.58in (h) and 1.26lb Telephoto lens only: 52mm (dia) x 90.5mm (d) and 0.32Kg / 2.05in (dia) x 3.56in (d) and 0.71lb Camera with telephoto lens: 225.9mm (d) x 74.4mm (w) x 65.5mm (h) and 0.62Kg / 8.89in (d) x 2.93in (w) x 2.58in (h) and 1.43lb
Regulatory	EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, FCC Part 15 Subpart B Class A, EN 50130-4, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-11, IEC60068-2-27 (Shock), IEC60068-2-6 (Sine Vibration), UL60950	
Housing	Diecast aluminium alloy	
Electrical	PoE (802.3af Class 0) or 12V DC / 24V AC; 6W. Power supply ordered separately (Product code: 110064; 130176)	
Operating Temperature	-10°C to 50°C (14°F to 122°F)	
Cold Start	0°C (32°F)	
IndigoVision Software Requirements	Control Center v14.1 or later	Control Center v13.2 or later
Supported Internet Browsers	Internet Explorer v11.0 or later	
ONVIF	Profile S	

* 4MP and 3MP resolution only available on 4MP variant. ** 12MP, 4K and 5MP (30fps) resolution only available on 4K variant. *** SDCard Storage independent of IndigoVision's NVRs.

[^] Firmware update on 4K model available from end of Q3 2019.