



IndigoVision



Fixed Camera

High-end: performance, not price tag.

With the BX HD Camera 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 HD Fixed Camera delivers a different dimension of safety when combined with IndigoVision's Control Center.

Key Features

SENSOR

- HD**
- Day/Night**
- WDR**

COMPRESSION

- H.265**
- H.264**
- UP TO 60fps**
- G.711**

INTELLIGENCE

- Analytics**
- Motion Detection**

OTHER

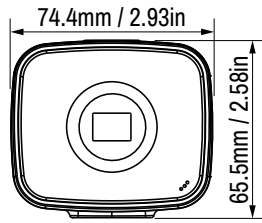
- DNA**
- PoE**
- PoE+**
- ONVIF**
- CyberVigilant®**

Product Codes

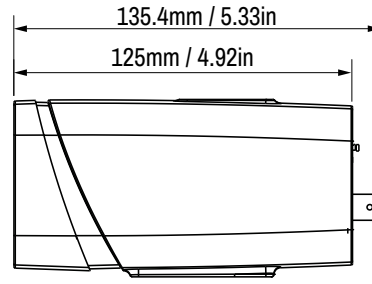
BX630 Fixed Camera	Product Code
HD Fixed Camera Standard Lens, 2.7-12mm	610622
HD Fixed Camera Telephoto Lens, 5-50mm	610623

* Firmware update available from end of Q3 2019.

Dimensions



View on Front Face



View on Side Face

Specification

Camera Features	Standard Lens	Telephoto Lens
Sensor	1/2.8" Progressive CMOS	
Active Pixels (HxV)	HD (1920x1080)	
Minimum Sensitivity	Day: 0.04 Lux (color). Night: 0.02 Lux (mono). 30 IRE, F1.2, 1/30s shutter	
Dynamic Range	WDR > 120dB	
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	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	2.7mm - 12mm, F1.2, Vari-focal, CS mount with Auto Back Focus	5mm - 50mm, F1.6, Vari-focal, CS mount with Auto Back Focus
Iris Control	Auto Iris	
Shutter	Rolling; Auto from 1/30 to 1/100,000 sec	
Exposure Control	Auto/Manual	
Video Compression	Full frame rate, full colour: H.265 ^A ; up to 30fps, H.264/MJPEG ; up to 60fps (ISO 14496-10)	
Video Bit Rate	User-configurable bit rates from 24Kbps up to 10Mbps	
Video Multi-Streaming	Up to 32Mbps total video output; Unlimited multicast connections. Up to eight 4Mbps unicast connections; Up to sixteen 1Mbps unicast connections	
Video Multi-Encoder	Two simultaneous resolutions including: up to 1080p (60fps) plus 720p (20fps) or lower Or two simultaneous resolutions including: up to 1080p (30fps) plus 1080p (30fps) or lower	
Video Output	PAL composite video, 75 Ohms 1V p-p	
Video Analytics	Motion Detection, Tripwire ^A , Intrusion ^A , Abandoned Object ^A , Missing Object ^A , Scene Change ^A , Video Tamper ^A , Defocus Detect ^A , Face Detection ^A	
Audio Compression	G.711Mu	
Audio Bit Rate	Non user configurable, G.711Mu 64Kbps - 80Kbps	
Audio Resolution	G.711Mu 8kHz sample rate, Mono Input, Mono Output	
Audio Analytics	Audio Intensity High ^A , Audio Input Abnormal ^A	
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 with 5VAC/DC 30mA max carrying capacity	
Network Interface	IEEE802.3 and IETF standards: 10/100 Base-T Ethernet, IPv4/IPv6, TCP, UDP, RTP, RTSP, ICMP, IGMP, SNMP, HTTP, HTTPS, PPPoE, uPnP, QoS, DHCP, DNS	
Network Security	HTTPS, IP Filter, IEEE 802.1x	
CyberVigilant [®] Technology	Yes ^A	
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 Lens only: 33.7mm (dia) x 57.6mm (d) and 0.735Kg Camera with lens: 193mm (d) x 74.4mm (w) x 65.5mm (h) and 1.035Kg	Camera only: 135.4mm (d) x 74.4mm (w) x 65.5mm (h) and 0.3Kg Lens only: 47.0mm (dia) x 85.9mm (d) and 0.195Kg Camera with lens: 221.3mm (d) x 74.4mm (w) x 65.5mm (h) and 0.495Kg
Regulatory	EN55032, EN55024, EN50130-4, EN61000-3-2, EN61000-3-3, FCC Part 15 Subpart B Class A, IEC60068-2-27, IEC60068-2-6, EN60068-2-64, EN60068-2-1, EN60068-2-2, EN60068-2-30, UL60950-1, EN 61000-6-2, EN 61000-6-4 , EN55032, EN55024	
Housing	Diecast aluminium alloy**	
Electrical	PoE (802.3af Class 0) or 12VDC @0.58A:7W / 24VAC @ 0.38A:9W. Power supply ordered separately (Product code: 110068; 130176)	
Operating Temperature	-10°C to 60°C (14°F to 140°F)	
Cold Start	-10°C (14°F)	
IndigoVision Software Requirements	Control Center v15.1 or later	
Supported Internet Browsers	Internet Explorer v11.0 or later	
ONVIF	Profile S	

* SD Card Storage independent of IndigoVision's NVRs. ^A Firmware update available from end of Q3 2019.

**When using for Trackside please remember that a shielded Ethernet cable MUST be used.