



IndigoVision

BX RANGE



Fisheye Cameras

Amazing Megapixel video that delivers detail from every angle

Part of IndigoVision's professional BX Range, the Fisheye Camera delivers 360° visibility with pinsharp detail. When used as part of IndigoVision's end-to-end system, any single point of failure is removed through IndigoVision's Distributed Network Architecture (DNA) technology.

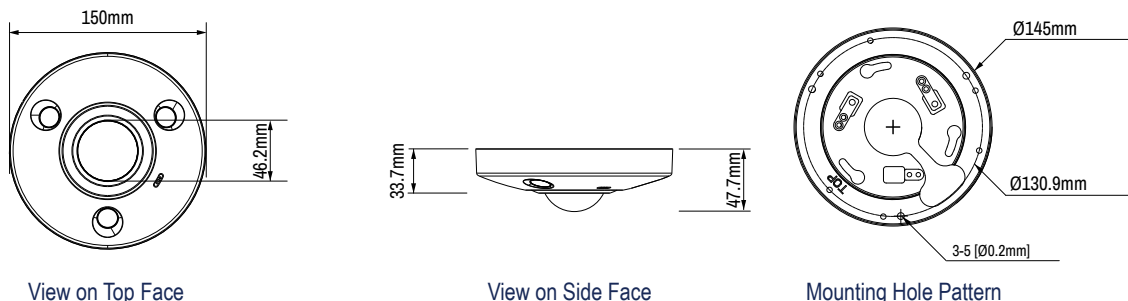
Key Features

SENSOR	6MP	12MP	Day/Night	WDR
	COMPRESSION	H.264	UP TO 30fps	G.711
		INTELLIGENCE	Analytics	Motion Detection
	OTHER		DNA	PoE
PHYSICAL		Outdoor	IR	IK10

Product Codes

BX720 Fisheye Cameras	Product Code
6MP Fisheye Camera with Built-In IR Illuminator	612740
12MP Fisheye Camera with Built-In IR Illuminator	614740

Dimensions



Specification

Camera Features	6MP	12MP
Sensor	1/1.8" Progressive CMOS	1/2.3" Progressive CMOS
Active Pixels (HxV)	6MP (3072x2048)	12MP (4000x3000)
Minimum Sensitivity	Day: 0.01 lux (colour). Night: 0.005 lux (mono). 30 IRE, F2.0, 1/30s shutter	Day: 0.01 lux (colour). Night: 0.005 lux (mono). 30 IRE, F2.2, 1/30s shutter
Dynamic Range	WDR 100dB Max	
Gain Control	Auto/Manual	
Back Light Compensation	On/Off	
White Balance Mode	On/Off	
Day/Night	True Day/Night with Mechanical IR Cut Filter	
IR Illuminator	Built-in IR Illuminator 850nm wavelength, effective distance >10m	
Video Resolution	4000x3000 pixels (12MP)*; 2880x2880 pixels (8MP)*; 2880x2160 pixels (6MP); 2048x1536 pixels (3MP); 704x576 pixels (D1); 704x480 pixels (D1); 352x288 pixels (SIF); 352x240 pixels (SIF)	
Signal/Noise Level	> 50dB	
Lens Options	1.55mm, Horizontal view angle 185°x185°, F2.0, Fixed Iris	1.57mm, Horizontal view angle 185°x185°, F2.2, Fixed 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 colour: H.264/MJPEG ; up to 30fps (ISO 14496-10)	
Video Bit Rate	User-configurable bit rates from 40Kbps up to 10Mbps	
Privacy Zones	4 User Defined	
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	Edge Dewarping: Dual Streaming 3MP (2048 x 1536) @ 30fps + D1/SIF @ 30fps Native: Dual Streaming 12MP (4000x3000)* @ 15fps + D1/SIF @ 30fps or 3MP 2048x1536 pixels + or 6MP (3072 x 2048) @ 30fps + 720P @ 30fps	
Video Analytics ^	Motion Detection, Tripwire, Intrusion, Video Tamper	
Intelligence	Heat Map	
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 Input Abnormal, Audio Intensity High	
Audio Input	Built-in microphone or Line in, RCA connector	
Audio Output	Line out, RCA connector	
Binary Input/Output	2 Pull up inputs for non powered contacts; 1 solid state opto-isolated relay output, Max 24V, 500mA	
Network Interface	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	
Time	Embedded real-time clock, NTP client	
SD Storage	microSDHC 128GB support (card not included)**	
Dimensions/Weight	150mm (dia) x 47.7mm (h) and 0.58Kg	
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), UL60950-1	
Housing	White vandal resistant aluminium alloy including 500mm cable bundle	
Protection Rating	IP67, IK10 (IEC 62262)	
Electrical	PoE (802.3af Class 0) or 12V DC @ 1.1A; 13W Power supply ordered separately (Product code: 110064; 130176)	
Operating Temperature	-30°C to 60°C	
Cold Start	-30°C	
IndigoVision Software Requirements	Control Center v13.2 or later	
Supported Internet Browsers	Internet Explorer v11.0 or later	
ONVIF	Profile S	

* 12MP and 8MP resolution only available on 12MP variant.

**SDCard Storage independent of IndigoVision's NVRs.

^ Integration into Control Center as Basic Analytics only