



IndigoVision

BX RANGE

30x
Optical



HD Adaptive IR PTZ Dome Camera

PTZ Dome camera with built-in Adaptive IR

Part of IndigoVision's professional BX Range, the HD Adaptive IR PTZ Dome Camera delivers High Definition detail, regardless of ambient light. 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



COMPRESSION



INTELLIGENCE



OTHER



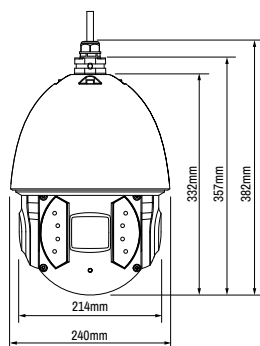
PHYSICAL



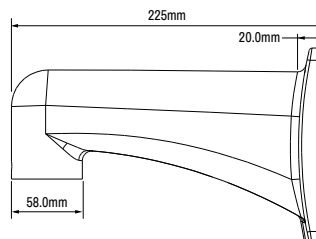
Product Codes

BX520 PTZ Dome Camera	Product Code
HD Adaptive IR PTZ Dome Camera	610570

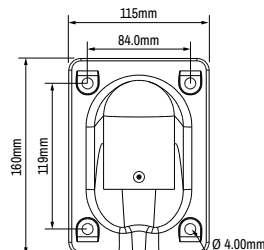
Dimensions



View on Side Face



Wall Mount Bracket (Side Face)



Wall Mount Bracket (Front Face)

Specification

Camera Features			
Sensor	1/1.9" Progressive CMOS		
Active Pixels (HxV)	HD (1920 x 1080)		
Minimum Sensitivity	Day: 0.005 Lux (colour). Night: 0.0005 Lux (mono). 30 IRE, F1.5, 1/30s shutter		
Dynamic Range	WDR >120dB		
Gain Control	Auto/Manual		
Back Light Compensation	On/Off		
White Balance Mode	Auto/ATW/Indoor/Outdoor/Manual		
Day/Night	True Day/Night with Mechanical IR Cut Filter		
IR Illuminator	Adaptive 200m IR Illuminator		
Video Resolution	1920x1080 pixels (1080p); 1280x720 pixels (720p); 704x576 pixels (D1); 704x480 pixels (D1) 352x288 pixels (SIF); 352x240 pixels (SIF)		
Signal/Noise Level	> 56dB		
Lens Options	6mm - 180mm, Horizontal view angle 61.2° (W) 2.32° (T), F1.5 to F4.3, Autofocus with manual override		
Zoom	30x optical + 16x digital		
Shutter	Rolling; Auto from 1 - 1/30,000 sec		
Exposure Control	Auto/Manual/Slow AE/Shutter-priority/Iris-priority		
Image Stabilizer	On/Off		
Defog	On/Off		
Video Compression	Full frame rate, full colour: H.264/MJPEG ; up to 30fps (ISO 14496-10)		
Video Bit Rate	User-configurable bit rates from 500Kbps up to 10Mbps		
Video Multi-Streaming	Up to 32Mbps total video output; Unlimited multicast connections. Up to four 8Mbps unicast connections		
Video Multi-Encoder	Up to two simultaneous resolutions including: 1080p (30fps), 720p (60fps), D1 (60fps), SIF (60fps)		
Video Analytics ^	Motion Detection, Tripwire, Intrusion, Abandoned Object, Missing Object, Scene Change, Video Tamper, Defocus Detect, Face Detection		
Intelligence	Auto Track, Alarm Track		
Audio Compression	G.711		
Audio Bit Rate	32Kbps per channel		
Audio Resolution	Full Duplex 8kHz sample rate. Mono Input, Mono Output		
Audio Analytics^	Audio Input Abnormal, Audio Intensity High		
Audio Input	Line in		
Audio Output	Line out		
Binary Input/Output	7 Pull up inputs for non powered contacts; 2 solid state opto-isolated relay outputs, Max 24V, 500mA		
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		
Network Security	HTTPS, IP Filter, IEEE 802.1x		
Time	Embedded real-time clock, NTP client		
SD Storage	microSDHC 64GB support (card not included)*		
Dimensions/Weight	240mm (dia) x 382mm (h) and 6.75Kg		
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), UL60950-22		
Housing	White vandal resistant aluminium alloy including 500mm cable bundle		
Protection Rating	IP67, IK10 (IEC 62262)		
Electrical	Camera only: Hi-PoE+ or 24V AC @ 1A; 20W. Camera including heater: Hi-PoE+ or 24V AC @ 3A; 43W. Power supply ordered separately (Product code: 130176)		
Operating Temperature	-40°C to 70°C		
Cold Start	-30°C		
Supplied Accessories	Wall Mount bracket		
IndigoVision Software Requirements	Control Center v13.2 or later		
Supported Internet Browsers	Internet Explorer v11.0 or later		
ONVIF	Profile S		
PTZ Control			
Preset	300	Pan Range	360° Continuous Rotation
Preset Tours	8	Tilt Range	100° (-10° above horizon to 90° vertically down)
Pattern/Mimic Tours	5	Pan/Tilt Speed	Pan Speed - 0.1-240°/s, Tilt Speed - 0.1-120°/s
Privacy Zones	24 User Defined	Pan/Tilt Warranty	Moving part warranty limited to 2 million Pan and Tilt Operations

* SDCard Storage independent of IndigoVision's NVRs.

^ Integration into Control Center as Basic Analytics only