



IndigoVision

ULTRA RANGE

40x
Optical



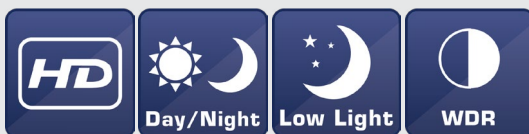
HD Ultra X PTZ Dome Camera

Capture every detail with ultra-high resolution

With best in class performance, the IndigoVision HD Ultra X PTZ Dome Camera delivers rich, Full HD video and image clarity, in all lighting conditions. Image stabilisation and ultra-low PTZ latency gives smoother operator viewing and control. IndigoVision's SMART.core™ technology gives highly optimised H.265 compression and ACF, reducing storage costs by up to 95%.

Key Features

SENSOR



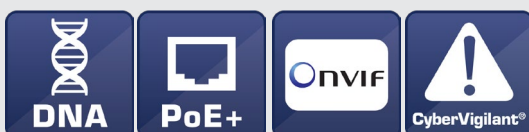
COMPRESSION



INTELLIGENCE



OTHER



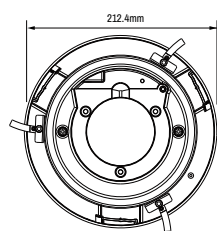
PHYSICAL



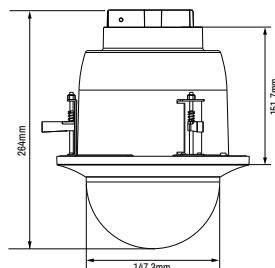
Product Codes

UX3520 HD Ultra X PTZ Dome Cameras	Product Code
HD Ultra X In-Ceiling PTZ, 40x	710510
HD Ultra X Pendant PTZ, 40x	710561

Dimensions: In-Ceiling PTZ

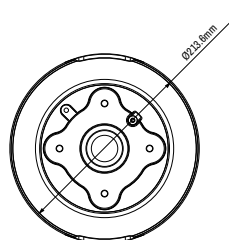


View on Top Face

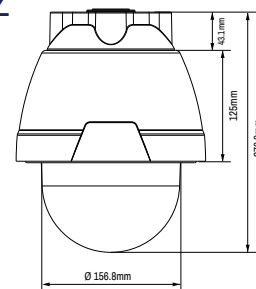


View on Side Face

Dimensions: Pendant PTZ



View on Top Face



View on Side Face

Specification

Camera Features	In-Ceiling	Pendant
Sensor	Sony 2M 1/2.8" Progressive CMOS	
Active Pixels (HxV)	HD (1920 x 1080)	
Minimum Sensitivity	Day: 0.02 Lux (colour). Night: 0.001 Lux (mono). F1.6, 1/30s shutter	
Dynamic Range	WDR 120dB	
Gain Control	Auto/Manual setting	
Wide Dynamic Range	Off/Low/Mid/High	
Back Light Compensation	On/Off @ 50/60 Frame Rates only	
White Balance Mode	Auto/Manual/ATW/One Push	
Day/Night	True Day/Night with mechanical IR Cut filter	
Video Resolution	1920x1080 pixels (HD); 1280x1024 pixels (1.3MP); 1280x720 pixels (720p); 1024x768 (XGA); 800x600 (SVGA); 720x480 and 720x576 (D1); 640x480 (VGA); 352x240 and 352x288 (SIF); 320x240 (QVGA)	
Signal/Noise Level	>50dB	
Lens Options	4.3mm - 170mm Horizontal view angle 67.0°(W) 2.0° (T), Auto focus with manual override	
Zoom	40x optical + 10x digital	
Iris Control	Auto with manual override	
Shutter	Rolling; Auto from 1/1.5 - 1/10000 sec, Anti-Flicker, Slow Shutter (1, 1/2, 1/4, 1/8, 1/15, 1/30)	
Exposure Control	Auto Iris/P-Iris/Iris/Auto Shutter/Shutter/Manual	
Image Stabilizer	Yes	
Video Compression	Full frame rate, full colour: H.265/H.264/MJPEG ; up to 60fps	
Video Bit Rate	User-configurable bit rates from 64Kbps up to 10Mbps	
Video Multi-Streaming	Up to 32Mbps total video output; Up to eight 4Mbps unicast connections	
Video Multi-Encoder	Up to four simultaneous resolutions including: 1080p (60fps), 1080p (30fps), 720p (30fps), D1 (30fps), SIF (30fps)	
Video Analytics	ACF, Motion Detection	
Audio Compression	G.711Mu/AAC	
Audio Input	Line in	
Audio Output	Line out	
Binary Input/Output	4 input; 2 output	2 input; 1 output
Network Interface	IEEE802.3 and IETF standards: 10/100 Base-T Ethernet, TCP, UDP, RTP, RTSP, ICMP, IGMP, SNMP, HTTP, HTTPS, QoS, DHCP	
Network Security	HTTPS, CyberVigilant®, IEEE 802.1x	
CyberVigilant® Technology	Yes	
Time	Embedded real-time clock, SNTP client	
SD Storage	SD/SDHC/SDXC 128GB support (card not included)*	
Dimension/Weight	212.4mm (dia) x 264mm (h) and 2.6Kg	213.6mm (dia) x 270.8mm (h) and 2.9Kg
Regulatory	EN55032, EN50130-4, EN61000-3-2, EN61000-3-3, EN61000-6-4, CFR47 part 15 Subpart B, UL60950-1, EN60068-2-6, EN60068-2-64, EN60068-2-27, EN60068-2-1, EN60068-2-2, EN60068-2-30, UL2043 (In-Ceiling), EN60529 (Pendant), EN62262 (Pendant)	
Housing	Aluminium alloy with polycarbonate dome	
Protection Rating	N/A	IP66, IK10
Electrical	PoE+ (802.3at Class 4) or 12V DC @ 0.75A; 9W, 30VDC @ 0.35A; 10.4W 24V AC @ 0.66A 15.8W	PoE+ (802.3at Class 4) or 30VDC @ 0.61A; 18.3W 24V AC @ 1.1A; 26.4W
Operating Temperature	-10°C to 50°C	-40°C to 50°C
Cold Start	-10°C	-20°C
IndigoVision Software Requirements	Control Center v16.0 or later	
Supported Internet Browser	Internet Explorer v11.0 or later	
ONVIF	Profile S	
PTZ Control		
Preset	256	Pan Range 360° Continuous Rotation
Preset Accuracy	0.225°	Tilt Range 100° (-10° above horizon)
Preset Tours	8	Pan/Tilt Speed Pan Speed - 0.1-90°/s. Tilt Speed - 0.1-55°/s
Pattern Mimic Tours	8	Pan/Tilt Warranty Moving part warranty limited to 5 million Pan and Tilt Operations
Privacy Zones	20 User Defined	Preset Move Speed 5-400°/s

* SD Card Storage independent of IndigoVision's NVRs.