

ULTRA RANGE

40x  
Optical



IndigoVision



# 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



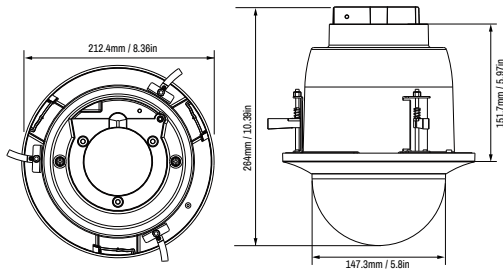
PHYSICAL



## 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

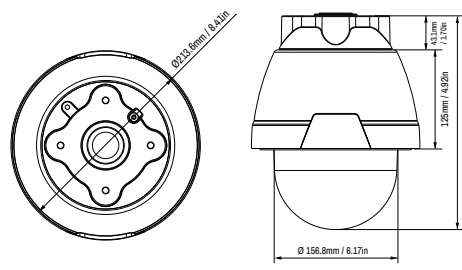
## Dimensions: In-Ceiling PTZ



View on Top Face

View on Side Face

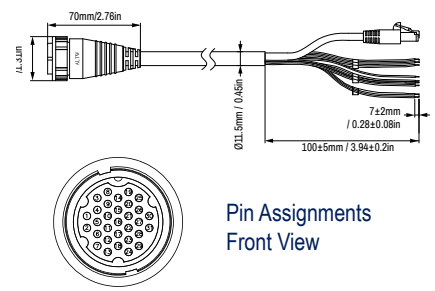
## Dimensions: Pendant PTZ



View on Top Face

View on Side Face

## Amphenol Cable



Pin Assignments Front View

## Specification

Camera Features	In-Ceiling	Pendant	
<b>Sensor</b>	Sony 2M 1/2.8" Progressive CMOS		
<b>Active Pixels (HxV)</b>	HD (1920 x 1080)		
<b>Minimum Sensitivity</b>	Day: 0.02 Lux (colour). Night: 0.001 Lux (mono). F1.6, 1/30s shutter		
<b>Dynamic Range</b>	WDR 120dB		
<b>Gain Control</b>	Auto/Manual setting		
<b>Wide Dynamic Range</b>	Off/Low/Mid/High		
<b>Back Light Compensation</b>	On/Off @ 50/60 Frame Rates only		
<b>White Balance Mode</b>	Auto/Manual/ATW/One Push		
<b>Day/Night</b>	True Day/Night with mechanical IR Cut filter		
<b>Video Resolution</b>	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)		
<b>Signal/Noise Level</b>	>50dB		
<b>Lens Options</b>	4.3mm - 170mm Horizontal view angle 67.0°(W) 2.0° (T), Auto focus with manual override		
<b>Zoom</b>	40x optical + 10x digital		
<b>Iris Control</b>	Auto with manual override		
<b>Shutter</b>	Rolling; Auto from 1/1.5 - 1/10000 sec, Anti-Flicker, Slow Shutter (1, 1/2, 1/4, 1/8, 1/15, 1/30)		
<b>Exposure Control</b>	Auto Iris/P-Iris/Iris/Auto Shutter/Shutter/Manual		
<b>Image Stabilizer</b>	Yes		
<b>Video Compression</b>	Full frame rate, full colour: H.265/H.264/MJPEG ; up to 60fps		
<b>Video Bit Rate</b>	User-configurable bit rates from 64Kbps up to 10Mbps		
<b>Video Multi-Streaming</b>	Up to 32Mbps total video output; Unlimited multicast connections. Up to eight 4Mbps unicast connections; Up to sixteen 1Mbps unicast connections		
<b>Video Multi-Encoder</b>	Up to four simultaneous resolutions including: 1080p (60fps), 1080p (30fps), 720p (30fps), D1 (30fps), SIF (30fps)		
<b>Video Analytics</b>	ACF, Motion Detection		
<b>Audio Compression</b>	G.711Mu/AAC		
<b>Audio Input</b>	Line in		
<b>Audio Output</b>	Line out		
<b>Binary Input/Output</b>	4 input; 2 output	2 input; 1 output	
<b>Network Interface</b>	IEEE802.3 and IETF standards: 10/100 Base-T Ethernet, TCP, UDP, RTP, RTSP, ICMP, IGMP, SNMP, HTTP, HTTPS, QoS, DHCP, DNS		
<b>Network Security</b>	HTTPS, CyberVigilant®, IEEE 802.1x		
<b>CyberVigilant® Technology</b>	Yes		
<b>Time</b>	Embedded real-time clock, SNTP client		
<b>SD Storage</b>	SD/SDHC/SDXC 128GB support (card not included)*		
<b>Dimension/Weight</b>	212.4mm (dia) x 264mm (h) and 2.6Kg / 8.36in (dia) x 10.39in (h) and 5.73lb	213.6mm (dia) x 270.8mm (h) and 2.9Kg / 8.41in (dia) x 10.66in (h) and 19.84lb	
<b>Regulatory</b>	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)		
<b>Housing</b>	Aluminium alloy with polycarbonate dome		
<b>Protection Rating</b>	N/A		
<b>Electrical</b>	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	
<b>Operating Temperature</b>	-10°C to 50°C / 14°F to 122°F		
<b>Cold Start</b>	-10°C / 14°F		
<b>IndigoVision Software Requirements</b>	Control Center v16.0.1 or later		
<b>Supported Internet Browser</b>	Internet Explorer v11.0 or later		
<b>ONVIF</b>	Profile S		
<b>NDAA</b>	This product is compliant with the National Defense Authorization Act (NDAA). Section 889 of the NDAA prohibits the U.S. government from procuring video and telecommunications equipment from certain Chinese companies and their subsidiaries.		
<b>PTZ Control</b>			
<b>Preset</b>	256	<b>Pan Range</b>	360° Continuous Rotation
<b>Preset Accuracy</b>	0.225°	<b>Tilt Range</b>	100° (-10° above horizon). For optimum performance Tilt Range of +5 to +10 is recommended.
<b>Preset Tours</b>	8	<b>Pan/Tilt Speed</b>	Pan Speed - 0.1-90°/s. Tilt Speed - 0.1-55°/s
<b>Pattern Mimic Tours</b>	8	<b>Pan/Tilt Warranty</b>	Moving part warranty limited to 5 million Pan and Tilt Operations
<b>Privacy Zones</b>	20 User Defined	<b>Preset Move Speed</b>	5-400°/s

\* SD Card Storage independent of IndigoVision's NVRs.

Note: Specifications are correct at the datasheet date of issue and are subject to change without prior notice.

ID: RUX-HD\_PTZ 20.1 JUL 20