



ULTRA RANGE

40x
Optical



HD Ultra X IR PTZ Camera

Capture every detail with ultra-high resolution

With best in class performance, the IndigoVision HD Ultra X IR PTZ Camera delivers rich, Full HD video in 2MP resolution with automatically adaptive IR LED illumination provides evidential video in pitch dark conditions for a distance of upto 350 m (1148 ft). 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%. Servo Feedback support ensures the PTZ returns to its original position when encountered with external physical force such as vandalism.

Key Features

SENSOR



COMPRESSION



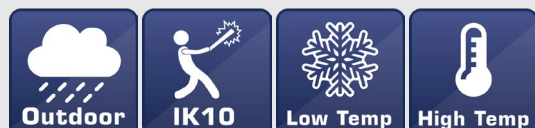
INTELLIGENCE



OTHER



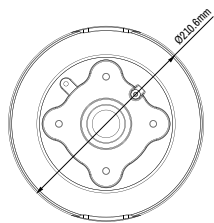
PHYSICAL



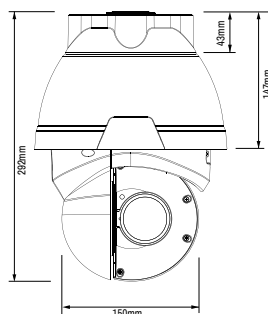
Product Codes

UX3525 HD Ultra X IR PTZ Camera		Product Code
HD Ultra X IR PTZ, 40x		710570

Dimensions

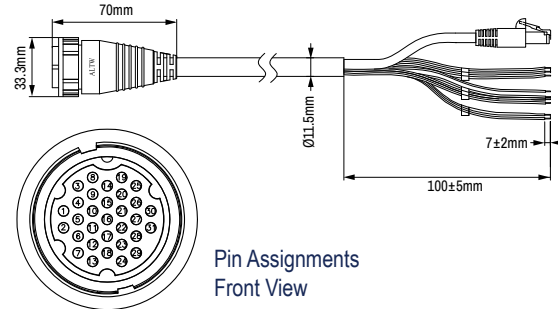


View on Top Face



View on Side Face

Amphenol Cable



Pin Assignments
Front View

Specification

Camera Features			
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 / ATW / Smart / One Push / Smart Touch / Manual		
Day/Night	True Day/Night with Mechanical IR Cut Filter		
IR Distance	350m		
Video Resolution	1920x1080 pixels (HD); 1280x1024 pixels (1.3MP); 1280x720 pixels (720p); 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 66.1° (W) 1.8° (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; Unlimited multicast connections. Up to four 8Mbps unicast connections; Up to sixteen 1Mbps 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, Abandoned Object, Intrusion Detection, Video Tamper, Missing Object, Tripwire		
Audio Compression	G.711Mu/AAC		
Audio Analytics	Audio detection		
Audio Input	Line in		
Audio Output	Line out		
Binary Input/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, DNS		
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	207mm (dia) x 300mm (h) and 3.8kg with sunshield		
Regulatory	EN55032, EN50130-4, EN61000-3-2, EN61000-3-3, EN61000-6-4, CFR47 part 15 Subpart B, UL, EN60068-2-6, EN60068-2-64, EN60068-2-27, EN60068-2-1, EN60068-2-2, EN60068-2-30, EN60529, EN62262		
Housing	Aluminium alloy with polycarbonate dome		
Protection Rating	IP 66, IK10 (excluding front lens cover)		
Electrical	UPOE (Compatible with part number 130179). 30V DC, Max 42W. 24V AC, Max 60W.		
Operating Temperature	-40°C to 50°C		
Cold Start	-40°C		
IndigoVision Software Requirements	Control Center v16.0.1 or later		
Supported Internet Browser	Internet Explorer v11.0 or later		
ONVIF	Profile S		
NDAA	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.		
PTZ Control			
Preset	256	Pan Range	360° Continuous Rotation
Preset Accuracy	0.225°	Tilt Range	110° (-20° 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	300°/s
Cable Features			
Length	1.5m cable supplied. 3m (110173) and 9m (110174) available as accessories		
Cable	UL2464		
Waterproof Rate	IP67		
Temperature Range	-40~70°C (Except Cap)		
Materials	All plastic and rubber materials should be UV resistant		

* SDCard Storage independent of IndigoVision's NVRs.

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

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