



IndigoVision



Ultra 2K Fixed Dome Camera

Capture every detail with ultra-high resolution

With best in class performance, the IndigoVision Ultra 2K Fixed Dome Camera delivers rich, Full HD video and image clarity, in all lighting conditions. IndigoVision's SMART.core technology gives highly optimised H.264 compression and ACF+, reducing storage costs by up to 95%.

Key Features

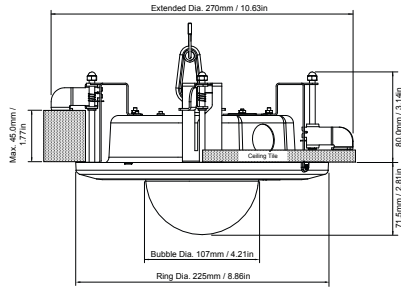
SENSOR					
PHYSICAL					

Product Codes

Ultra 2K Fixed Dome Camera (NTSC)	Camera with Enhanced Management Software
Ultra 2K In-Ceiling Fixed Dome, 3-9mm Lens	562426
Ultra 2K In-Ceiling Fixed Dome, 10-23mm Lens	562428
Ultra 2K Internal Fixed Dome, 3-9mm Lens	562416
Ultra 2K Internal Fixed Dome, 10-23mm Lens	562418
Ultra 2K Environmental Vandal Resistant Fixed Dome, 3-9mm Lens	562446
Ultra 2K Environmental Vandal Resistant Fixed Dome, 10-23mm Lens	562448

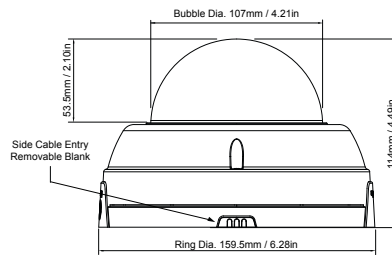
Product Code 51xxxx also available to order consisting of 56xxxx Product Code without Enhanced Management Software.

Dimensions: In-Ceiling



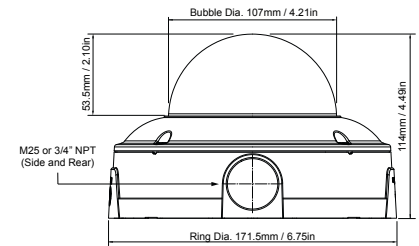
View on Side Face

Dimensions: Internal



View on Side Face

Dimensions: Environmental Vandal Resistant



View on Side Face

Specification

Camera Features	
Sensor	1/3" Progressive CMOS
Active Pixels (HxV)	2MP (1920 x 1080)
Horizontal Resolution	> 850 TVL
Minimum Sensitivity	Day: 0.05 lux (color). Night: 0.005 lux (mono). 30 IRE, F1.2, 1/15s shutter. Day: 0.3 lux (color). Night: 0.03 lux (mono). 50 IRE, F1.2, 1/30s shutter
Dynamic Range	WDR 120dB Max
Gain Control	Auto setting across a 42dB range
Back Light Compensation	On/Off
White Balance Mode	Auto/Indoor/Outdoor/Manual/Auto One Push
Day/Night	True Day/Night with Mechanical IR Cut Filter
Video Resolution	HD 1080p: 1920 x 1080 pixels, 720p: 1280 x 720 pixels; SD: 960 x 540 pixels, 640 x 360 pixels; 16:9 ratio
Signal/Noise Level	> 39dB
Lens Options	Standard 3 to 9mm, Horizontal view angle 108.6° (W) 34.8° (T), F1.2, P-iris, Remote Zoom/Focus Telephoto 10-23mm Horizontal view angle 30.8° (W) 13.6° (T), F1.6, P-iris, Remote Zoom/Focus
Zoom	3x optical standard; 2.3x optical telephoto
Iris Control	Automatic P-Iris with Manual override
Shutter	Rolling: Auto from 1/1 to 1/50,000 sec
Exposure Control	Auto Iris/Auto Shutter/Slow AE
Gimbal Adjustment	3 axis adjustment
Video Compression	Full frame rate, full color: H.264 (ISO 14496-10); 30fps guaranteed
Video Bit Rate	User-configurable from 32Kbps up to 8Mbps
Video Multi-Streaming	Up to 32Mbps total video output; Unlimited multicast connections. Up to seven 4Mbps unicast connections; Up to sixteen 1Mbps unicast connections
Video Multi-Encoder	Up to two simultaneous resolutions with guaranteed frame rate including: 1080p (30fps), SD (30fps)
Video Analytics	Standard: ACF, ACF+, Motion Detection, Hooded. Advanced: Dual Tripwire, Congestion, Counterflow, Museum ^A
Audio Compression	AAC-LC (ISO 14496-3)
Audio Bit Rate	User-configurable bit rates from 32Kbps to 160Kbps per channel
Audio Protocol	RTP (RFC 3640)
Audio Dual Encoder	Encoder A: 1 Stream Configuration plus Encoder B: 1 Stream Configuration
Audio Resolution	Full Duplex 16kHz, 16 Bit Mono/Stereo Input, Mono Output
Audio Input	Stereo / Mono line in terminal block connector. Nominal voltage: 1V p-p, Mic 30mV p-p. Mic type: dynamic or electret
Audio Output	Mono line out terminal block connector. 1V p-p, Minimum load impedance: 16 Ohms
Binary Input/Output	2 Pull up inputs for non powered contacts; 1 solid state opto-isolated relay output @500mA, LED output @20mA
Data Input/Output	1 Console port: RS232 up to 115.2 Kbps*
Privacy Zones	8 User Defined
Network Interface	IEEE802.3 and IETF standards: 10/100 Base-T Ethernet, TCP, UDP, RTP, ICMP, IGMP, SNMP, DHCP, NTP, DNS, HTTP, HTTPS, SSH
Network Security	HTTPS / Embedded Linux Firewall. Salted passwords, with MD5 encryption / IEEE 802.1x
Time	Embedded real-time clock, NTP client with battery backup
Regulatory	EN 55022 - Class A, EN 55024, EN 60068-2-29, EN 60068-2-1 & 2, EN 60068-2-30, EN 60068-2-6 & 64, CFR47 Part 15 subpart B -Class A, UL60950-1*, UL2043**, UL60950-22***, UL2802
IndigoVision Software Requirements	Control Center v11.0 or later
ONVIF	Profile S ^{AA}

Camera Features	In-Ceiling	Internal	Environmental Vandal Resistant
Dimension/Weight	225mm (ring dia.) x 151.5mm (h) (71.5mm below ceiling) and 1.1Kg / 8.85in (dia.) x 5.96in (h) (2.82in below ceiling) and 2.425lb	159.5mm (dia.) x 114mm (h) and 0.85Kg / 6.28in (dia.) x 4.49in (h) and 1.873lb	171.5mm (dia.) x 114mm (h) and 1.1Kg / 6.75in (dia.) x 4.49in (h) and 2.425lb
Housing	Aluminium with polycarbonate dome	Polycarbonate/ABS with polycarbonate dome	Diecast aluminium alloy with polycarbonate dome
Protection Rating	N/A	N/A	IP66, IK10 (IEC 62262), NEMA 250 4X
Electrical	PoE (802.3af Class 0) or 24V AC/DC @ 0.4A; 9.6W max. Power supply ordered separately (Product code: 110004; 110061; 110062)	PoE (802.3af Class 0) or 24V AC/DC @ 0.4A; 9.6W max. Power supply ordered separately (Product code: 110004; 110061; 110062)	Camera only: PoE (802.3af Class 0) or 24V AC/DC @ 0.4A; 9.6W. Camera including heater: 24V AC/DC @ 1.33A; 32W. Power supply ordered separately (Product code: 110060)
Operating Temperature	-10°C to 50°C (14°F to 122°F)	-10°C to 50°C (14°F to 122°F)	PoE powered: -10°C to 55°C (14°F to 131°F) External PSU: -40°C to 55°C (-40°F to 131°F)
Cold Start	0°C (32°F)	0°C (32°F)	-30°C (-22°F)

* Internal and In-Ceiling Dome only. ** In-Ceiling Dome only. ***Environmental Vandal Resistant Dome only. ^AAdvanced Video Analytics require a licence. ^{AA}Firmware upgrade is required for ONVIF Conformance.