



IndigoVision

Complete IP Video Security Solutions



# 9000 Fixed IP Dome Cameras

Astounding image quality under every lighting condition

The IndigoVision range of Fixed IP Dome cameras are designed to be used with the company's complete end-to-end IP Video solution. Class-leading H.264 compression technology, IndigoVision's guarantee never to drop a frame and the latest WDR technology provides excellent image quality under every lighting condition.

Advanced in-camera features such as Activity Controlled Framerate (ACF) and real-time analytics, reduce bandwidth and storage requirements and allow the user to identify incidents as they occur in real-time.

- 1/3" Progressive Scan
- WDR sensor
- Day/Night with automatic Mechanical IR filter
- Class-leading H.264 compression
- 25/30fps guaranteed
- Power-over-Ethernet for lower installation costs



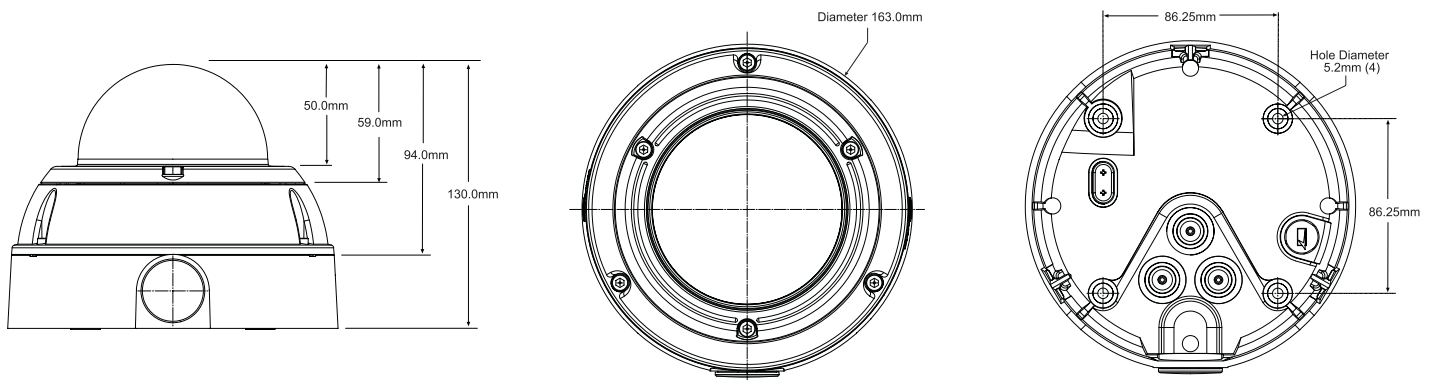
The IndigoVision 9000 Fixed Dome cameras use the latest Seawolf Sensor from Pixim providing 1/3" Progressive Scan capture with the industry's best Wide Dynamic Range (WDR) performance.

Simple and easy deployment of IP based video systems is possible as the cameras only require a single CAT 5 cable for connection to the network. The built-in Power-over-Ethernet support allows the camera to be powered directly from the network. A unique distributed serverless architecture, with no single-point-of-failure, also helps to simplify system installation and reduce cost.

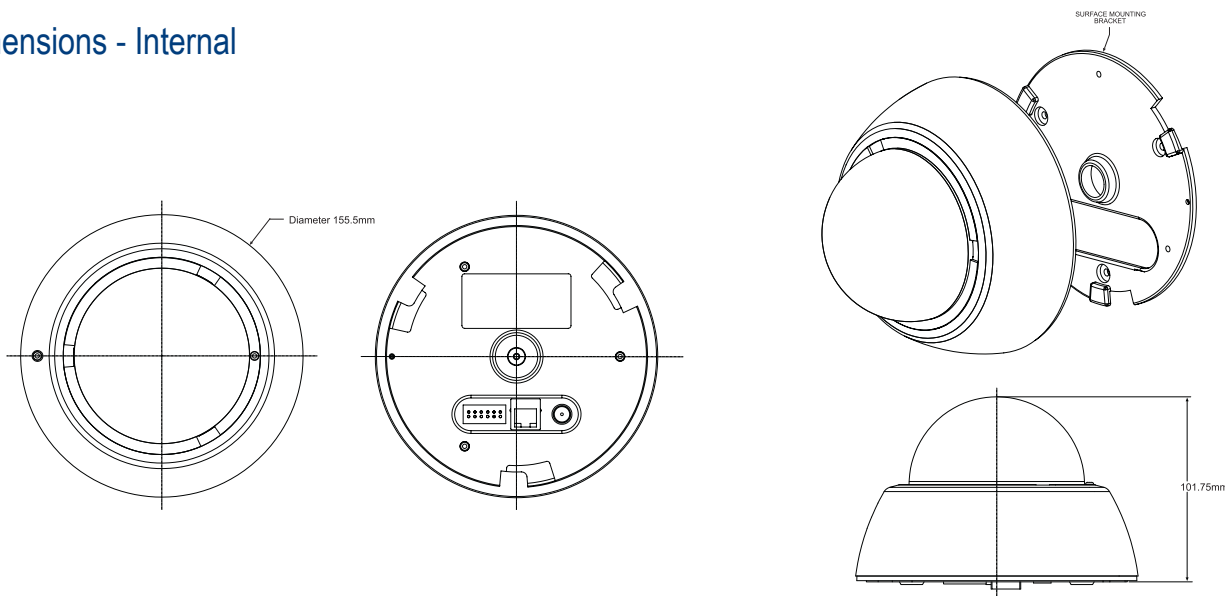
### Camera Product Codes (PAL)

9000 Fixed IP Dome (PAL)	Standard Lens		Telephoto Lens	
	9000S	9000E	9000S	9000E
Internal	749417	769417	749419	769419
Vandal Resistant	749437	769437	749439	769439
Environmental Vandal Resistant	749447	769447	749449	769449

### Dimensions - Vandal Resistant

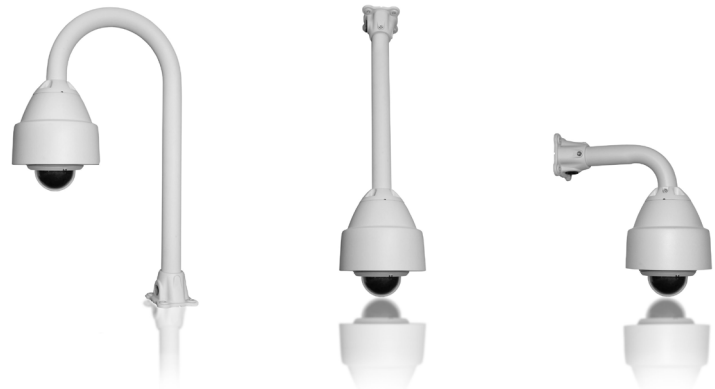


### Dimensions - Internal

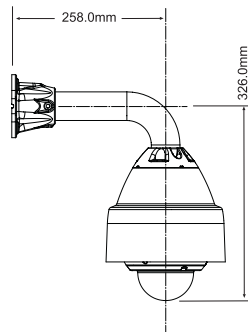


## Mounting Options

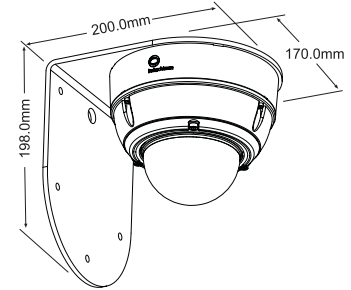
IndigoVision provide a range of mounts allowing installation internally and externally in any environment.



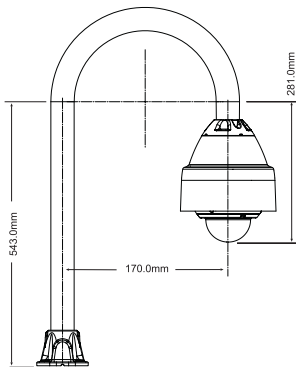
Vandal Resistant Fixed Dome



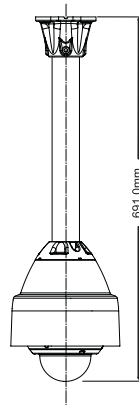
Pendant Wall Mount



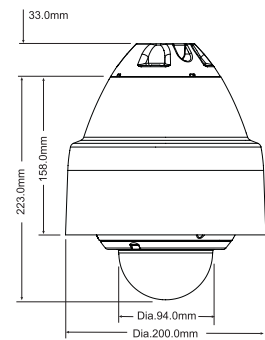
Bracket Wall Mount



Pendant Swan-Neck Mount



Pendant Vertical Pole Mount



NPT Mount

## Mount Product Codes

Description	Order Code
Vandal Resistant Fixed IP Dome Pendant Wall Mount (M25)	110021
Vandal Resistant Fixed IP Dome Pendant Swan-Neck Mount (M25)	110023
Vandal Resistant Fixed IP Dome Pendant Vertical Pole Mount (M25)	110025
Vandal Resistant Fixed IP Dome 1.5" NPT Pendant Mount (Male)	110027
Vandal Resistant Fixed IP Dome 1.5" NPT Pendant Mount (Female)	110028
Vandal Resistant Fixed IP Dome Bracket Wall Mount	110026

# Specification

Camera Features																	
Image Sensor	1/3" Progressive CMOS, 690 HTVL effective, > 500 TVL typical																
Active Pixels (HxV)	0.4 Megapixel																
Sensitivity (50IRE, F1.2)	Day/Night: 0.1 lux color / 0.01 lux mono																
Lens Options	Standard: 2.8mm - 10.5mm, Horizontal view angle 101.8° (W) 27.4° (T) , F1.2, Auto-iris, Vari-focal, M14 mount Telephoto: 9mm - 22mm, Horizontal view angle 30.6° (W) 13.0° (T) F1.5, Auto-iris, Vari-focal, M14 mount																
ICR Filter / Day/Night	Mechanical IR Cut Filter																
Gamma	0.45																
Gain Control	Automatic or fixed manual setting across a 40dB range																
Scan Mode	4SIF Progressive; 2SIF/SIF Non-interlaced																
Dynamic Range	WDR: 120dB Max, 102dB Typical																
SNR	> 50dB																
Mirror Mode	On or Off																
Synchronization	Internal																
Back Light Compensation	On* or Off																
White Balance Mode	Auto; Manual; Indoor; Outdoor																
Iris Control	Auto-iris DC drive lens as standard																
Shutter Speeds	Auto from 1/60 (NTSC) or 1/50 (PAL) to 1/30,720																
Electrical	Operating voltage: Power over Ethernet (802.3af Class 0) or 24V AC/DC (DC Power Supply separately orderable) Power consumption: 24V @ 0.33A / 10W max Heater/Fan Power consumption (Environmental variant only): 30W; 12V DC Power Supply included.																
Video Compression	Full frame rate, full color: H.264 (ISO 14496-10); 25/30fps guaranteed																
Video Bit Rate	User-configurable bit rates from 32Kbps up to 6Mbps																
Multi-streaming	<table border="1"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th>You can combine one selection from column A</th> </tr> </thead> <tbody> <tr> <td>SIF</td> <td>3 streams</td> <td>3 streams</td> <td>plus one selection from column B:</td> </tr> <tr> <td>2SIF</td> <td>2 streams</td> <td>2 streams</td> <td>e.g. 2x2SIF streams plus 3xSIF streams</td> </tr> <tr> <td>4SIF</td> <td>1 stream</td> <td>1 stream</td> <td>e.g. 1x4SIF stream plus 1x4SIF stream</td> </tr> </tbody> </table>		A	B	You can combine one selection from column A	SIF	3 streams	3 streams	plus one selection from column B:	2SIF	2 streams	2 streams	e.g. 2x2SIF streams plus 3xSIF streams	4SIF	1 stream	1 stream	e.g. 1x4SIF stream plus 1x4SIF stream
	A	B	You can combine one selection from column A														
SIF	3 streams	3 streams	plus one selection from column B:														
2SIF	2 streams	2 streams	e.g. 2x2SIF streams plus 3xSIF streams														
4SIF	1 stream	1 stream	e.g. 1x4SIF stream plus 1x4SIF stream														
Resolution	SIF: 352 x 288 pixels (PAL); 352 x 240 pixels (NTSC) 2SIF: 704 x 288 pixels (PAL); 704 x 240 pixels (NTSC) 4SIF: 704 x 576 pixels (PAL); 704 x 480 pixels (NTSC)																
Video Output	NTSC/PAL composite video, 75 Ohms 1V p-p, BNC cable harness																
Binary Input/Output	2 opto-isolated inputs ; 1 solid state opto-isolated relay output																
Network interface	IEEE802.3 and IETF standards: 10/100 Base-T Ethernet, TCP, UDP, ICMP, IGMP, SNMP, HTTP Embedded Linux firewall; Up to 16 simultaneous unicast video users plus unlimited multicast users																
Time	Embedded real-time clock, NTP client																
Regulatory	EN 55022(1998) ITE - Class A; EN 55024(1998) ITE immunity standard; CFR47(1995) Part 15 subpart B -Class A																
Recording Order Options	9000S 25/30 fps recording at SIF (2SIF and 4SIF at lower frame rates) 9000E 25/30 fps recording at 4SIF																

Camera Features	Internal	Vandal Resistant	Environmental Vandal Resistant
Housing	Injection Moulded Polycarbonate/ABS Alloy with Polycarbonate dome	Diecast Aluminium Alloy with Polycarbonate dome	Diecast Aluminium Alloy with Polycarbonate dome
Dimensions/Weight	155mm (dia.) x 103mm (h)/0.5Kg	159mm (dia.) x 125mm (h)/0.86Kg	159mm (dia.) x 125mm (h)/0.94Kg
Ingress Protection	N/A	IP66	IP66
Operating Temperature	0 to 40°C/+32 to +104°F	0 to 40°C/+32 to 104°F	-30 to 50°C/-22 to 122°F
Mounting Options	Wall and Ceiling Mountable not suitable for solid surfaces	Wall and ceiling Mountable exit collar included for solid surfaces	Wall and Ceiling Mountable exit collar included for solid surfaces



ID: IV-FD 11.2  
MAY 11