



# IndigoVision

Complete IP Video Security Solutions



## 9000 Fixed IP Camera Range

Always in focus

IndigoVision's IP cameras are designed to be used with the company's complete end-to-end IP Video solution and have class-leading H.264 compression technology built-in. The cameras can be ceiling or wall mounted and use a Sony EXview HAD CCD Sensor, guaranteeing excellent performance.

- ☐ Day Only or Day/Night (IR illumination required)
- ☐ Class-leading H.264 compression
- ☐ Optional full duplex audio
- ☐ Excellent image quality from Sony EXview HAD CCD Sensor
- ☐ Optional built-in real time analytics
- ☐ Full frame rate, 25/30fps guaranteed

IndigoVision's cameras enable simple and easy deployment of IP based video systems as they 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, reducing installation costs. All cameras are supplied with lenses to ensure consistent video quality.

IndigoVision's IP Video solution allows advanced features such as Activity Controlled Framerate (ACF) and camerabased real-time analytics to be deployed in the camera itself. These features reduce the bandwidth and NVR storage requirements during periods of scene inactivity and allow the user to deploy advanced analytics to identify events as they occur in real-time.



## Camera Product Codes (PAL)

9000 Fixed IP Camera (PAL)		Standard Lens		Telephoto Lens	
	9000S	9000E	9000S	9000E	
Day, PoE	749277	769277	749281	769281	
Day with Audio, PoE	749275	769275	749279	769279	
Day/Night, PoE	749273	769273	749285	769285	
Day/Night with Audio, PoE	749271	769271	749283	769283	

## Camera Product Codes (NTSC)

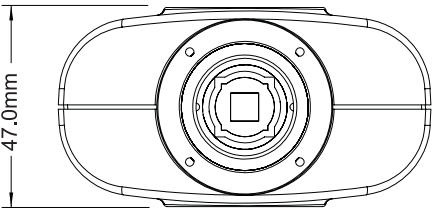
9000 Fixed IP Camera (NTSC)		Standard Lens		Telephoto Lens	
	9000S	9000E	9000S	9000E	
Day, PoE	749276	769276	749280	769280	
Day with Audio, PoE	749274	769274	749278	769278	
Day/Night, PoE	749272	769272	749284	769284	
Day/Night with Audio, PoE	749270	769270	749282	769282	

The 9000E product allows full frame rate video, at full 4SIF resolution.

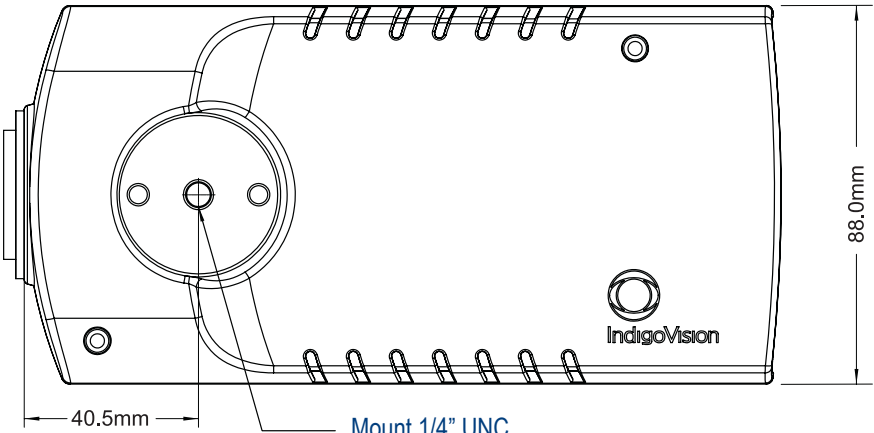
The 9000S product allows the camera to be recorded at full frame rate at SIF resolution, half frame rate at 2SIF and one third frame rate at 4SIF resolution

Lens Options	Focal Length	Horizontal View Angle	Max Aperture	Day/Night with IR Light Sources	Day/Night without IR Light Sources	Day Only
Standard	3-8mm	66.4° (W) 26.2° (T)	F1.0	✓	✗	✓
Telephoto	5-50mm	39.1° (W) 4.3° (T)	F1.4	✓	✗	✓

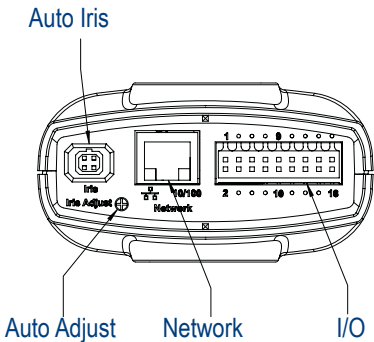
Dimensions



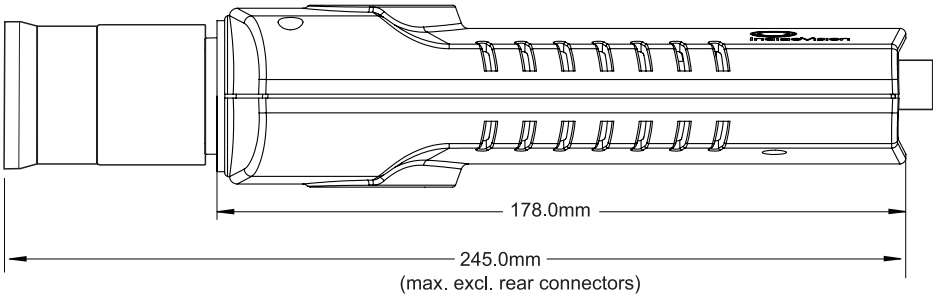
View on Front Face



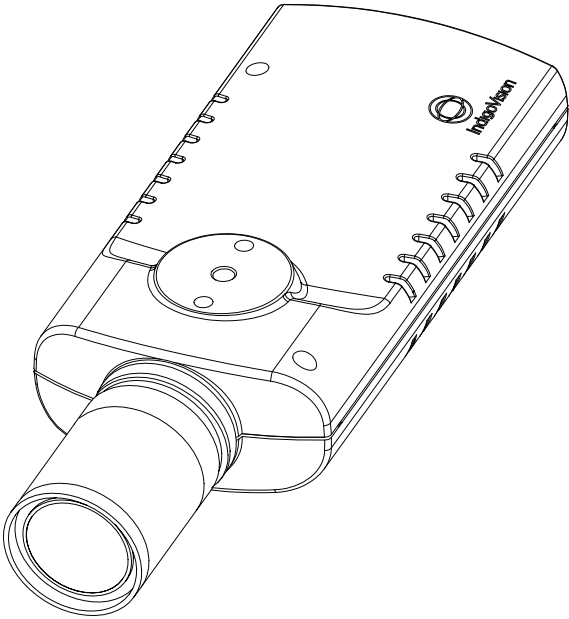
View on Top or Bottom Face



View on Back Face



View on Side



# Specification

Camera Features	NTSC	PAL
CCD Sensor	Sony Ex View 1/4" interlaced Color or Color/Mono, 490 TVL Color, 540 TVL Mono	
Active Pixels (HxV)	768x494	752x582
Sensitivity (50IRE, F1.2)	Day: 0.5 Lux Day/Night: 0.5 lux color / 0.05 lux mono when used with 850nm IR lighting	
Lens Options	Standard: 3mm - 8mm, Horizontal view angle 66.4° (W) 26.2° (T) , F1.0, Auto-iris, Vari-focal, CS Mount Telephoto: 5mm - 50mm, Horizontal view angle 39.1° (W) 4.3° (T) , F1.4, Auto-iris, Vari-focal, CS Mount	
Gamma	0.45	
Gain Control	Automatic or fixed manual setting across a 32dB range	
Scan Mode	4SIF Interlaced; 2SIF/SIF Non-interlaced	
Mirror Mode	On or Off	
Synchronization	Internal	
Back Light Compensation	On* or Off	
White Balance Mode	Auto; Fluorescent; Indoor; Outdoor	
Iris Control	Auto-iris DC drive lens as standard	
Shutter Speeds	1/60 to 1/100,000 or Auto*	1/50 to 1/100,000 or Auto*
Electrical	Operating voltage: Power over Ethernet (802.3af Class 0); 24V AC/DC @ 0.29A; Power consumption: 24V @ 0.33A / 8W max	
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 8Mbps	
Multi-streaming	You can combine one selection from column A plus one selection from column B: e.g. 2x2SIF streams plus 3xSIF streams e.g. 1x4SIF stream plus 1x4SIF stream	
	4SIF	1 stream
	2SIF	2 stream
	SIF	3 stream
Resolution	4SIF: 704 x 576 pixels 2SIF: 704 x 288 pixels SIF: 352 x 288 pixels (PAL) 4SIF: 704 x 480 pixels 2SIF: 704 x 240 pixels SIF: 352 x 240 pixels (NTSC)	
Video Output	NTSC/PAL composite video, 75 Ohms 1V p-p, Terminal block connector	
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, RTP Embedded Linux firewall. Salted passwords, with MD5 encryption; Up to 16 simultaneous unicast video users plus unlimited multicast users	
Audio Input+	Line in terminal block connector. Nominal voltage: 1V p-p, Mic 30mVp-p. Mic types: dynamic	
Audio Output+	Line out terminal block connector. 1V p-p, Minimum load impedance: 32 Ohms	
Audio Compression+	Full Duplex MPEG-4 Advanced Audio Encoding; 16 kHz sample rate; 16bit resolution. Selectable 32, 48, 64 Kbps bit-rate, 100 - 7000 Hz Bandwidth	
Time	Embedded real-time clock, NTP client	
Regulatory	EN 55022(1994) ITE - Class A; EN 55024(1998) ITE immunity standard; CFR47(1995) Part 15 subpart B -Class A	
Housing	Diecast Aluminium Alloy	
Dimensions/Weight	175mm (depth) x 88mm (width) x 45mm (height) / 0.5Kg	
Operating Temperature	0 to 40°C/+32 to +104°F	

\*These options are only applicable for Fixed Iris lenses

+Audio available as an order option