

Day and Day/Night IP Cameras

High-end professional IP cameras.

IndigoVision's IP cameras are designed to be used with the company's complete end-to-end IP Video solution and have class-leading MPEG-4 or H.264 compression technology built-in. Analog to digital conversion is completely eliminated with a direct digital interface from the camera sensor to the compression chip. The cameras can be ceiling or wall mounted and use a Sony EXview HAD CCD Sensor, guaranteeing excellent performance.

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.

IndigoVision's IP Video solution allows advanced features such as Activity Controlled Framerate (ACF) and camera-based 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.



- Day or Day/Night IP Camera
- Class-leading MPEG-4 or H.264 compression
- Excellent image quality from Sony EXview HAD CCD Sensor
- Up to 25/30fps guaranteed
- Power-over-Ethernet for lower installation costs
- Optional full duplex audio
- Optional built-in real time analytics



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															
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); 24V AC/DC @ 0.29A; Power consumption: 8000 : 24V @ 0.29A / 7W max; 9000 : 24V @ 0.33A / 8W max															
Video Compression	8000 : Full frame rate, full color: MPEG-4 (ISO 14496-2); 9000 : Full frame rate, full color: H.264 (ISO 14496-10); 25/30fps guaranteed															
Video Bit Rate	User-configurable bit rates from 32Kbps up to 4Mbps															
9000 Multi-streaming	<table border="0"> <thead> <tr> <th></th> <th>A</th> <th>B</th> <th></th> </tr> </thead> <tbody> <tr> <td>4SIF</td> <td>1 stream</td> <td>1 stream</td> <td rowspan="3">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</td> </tr> <tr> <td>2SIF</td> <td>2 streams</td> <td>2 streams</td> </tr> <tr> <td>SIF</td> <td>3 streams</td> <td>3 streams</td> </tr> </tbody> </table>		A	B		4SIF	1 stream	1 stream	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	2SIF	2 streams	2 streams	SIF	3 streams	3 streams	
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Resolution	9000: D1 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)															
8000 Multi-streaming	SIF: 3 streams; 2SIF: 2 streams; 4SIF: 1 stream															
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; 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

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Doc ID:IV-FIC v09.1