

# IndigoVision 10000 HD IP Camera Range

High-end professional  
High Definition (HD) IP  
cameras

IndigoVision's range of HD Megapixel 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 1/3" Progressive Scan HD 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.



- HD Megapixel Resolution (1280 x 720 Progressive Scan)
- Excellent image quality from 1/3" Progressive scan sensor
- H.264 15fps guaranteed
- Power-over-Ethernet for lower installation costs
- IP Camera with optional full duplex audio



IndigoVision

Datasheet

# Specification

## Camera Features

CMOS Sensor	1/3" Progressive Scan
Active Pixels (HxV)	1280 (H) x 1024 (V)
Sensitivity	Typical 2 Lux (F1.2)
Lens Options	Ultra Wide: 1.3mm, Horizontal view angle 125° , F1.8, Auto-iris, CS Mount Standard: 3mm - 8mm, Horizontal view angle 92.5° (W) 35.4° (T) , F1.0, Auto-iris, Vari-focal, CS Mount Telephoto: 5mm - 50mm, Horizontal view angle 53.8° (W) 5.5° (T) , F1.4, Auto-iris, Vari-focal, CS Mount
Gamma	0.45 or 1
Gain Control	Automatic or fixed manual setting across a 36dB range
Scan Mode	Progressive Scan
Mirror Mode	On or Off
Flip Mode	On or Off
Signal/Noise level	Better than 45 dB
Sensor Resolution	~825 TVL
Shutter Mode	Rolling Shutter
Synchronization	Internal
Back Light Compensation	On or Off
White Balance	Auto or Fixed (Indoor, Outdoor, Flourescent)
Iris Control	Auto-iris DC drive lens as standard
Shutter Speeds	1/12.5 to 1/100 (PAL)      1/15 to 1/120 (NTSC)
Video Compression	Max 15 fps, full color, H.264 (ISO 14496-10)
Video Bit Rate	User-configurable bit rates to be determined
Resolution	HD: 1280 x 720 pixels
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(1994) ITE - Class A; EN 55024(1998) ITE immunity standard; CFR47(1995) Part 15 subpart B -Class A
Electrical	Operating voltage: Power over Ethernet (802.3AF); 24V AC/DC @ 0.34A; Power consumption: 8W; 24V DC Power Supply separately orderable
Audio Input <sup>+</sup>	Mono line in terminal block connector. Nominal voltage: 1V p-p, Mic 30mVp-p. Mic type: dynamic
Audio Output <sup>+</sup>	Mono line out terminal block connector. 1V p-p, Minimum load impedance: 32 Ohms
Audio Compression <sup>+</sup>	Full Duplex MPEG-4 Advanced Audio Encoding; 16 kHz sample rate; 16bit resolution. Selectable 32, 48, 64 Kbps bit-rate, 100 - 7000 Hz Bandwidth
Housing	Diecast Aluminium Alloy
Dimensions/Weight	175mm (d) x 88mm (w) x 45mm (h) / 0.5Kg
Operating Temperature	0 to 40°C/+32 to +104°F

<sup>+</sup>Audio available as an order option



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