

Standalone Transmitters & Receivers

A family of IP Video Transmitters and Receivers incorporating IndigoVision's class-leading compression technology

IndigoVision's range of Standalone Transmitter and Receiver products 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.

The units allow traditional analog CCTV cameras and video monitors to be integrated into an IP network. The standalone unit is available as either a Transmitter only or as a Transmitter/Receiver. Two levels of compression technology are available - the 9000 Series provides H.264 and the 8000 Series provides MPEG-4.

Full duplex audio is available as an order option on all Transmitter/Receiver products.

All products have a range of digital I/O for PTZ control and alarm integration.

IndigoVision's IP Video solution allows advanced features such as Activity Controlled Framerate (ACF) and real-time analytics, available as an order option, to be deployed in the Transmitters. 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.

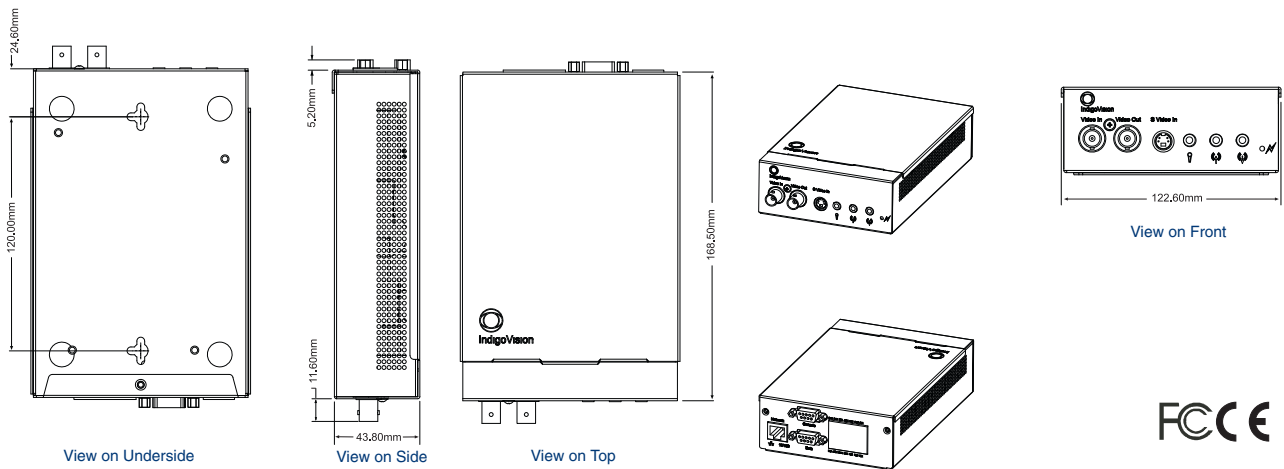


- Class-leading MPEG-4 or H.264 compression
- Full frame rate, full colour, 25/30fps guaranteed
- Optional full duplex audio
- Optional built-in real time analytics
- Extended Temperature Option

Specification

Video Performance	Full frame rate, full color: 25/30fps guaranteed														
Video Compression	9000 Series: H.264 (ISO14496-10) 8000 Series: MPEG-4 (ISO14496-2)														
Audio Compression*	MPEG-4 Advanced Audio Encoding at 16 Khz sample rate & 16 bit resolution														
Video Bit Rate	User-configurable bit rates from 32Kbps up to 6Mbps														
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)														
9000 Multi-streaming	<table border="0"> <tr> <td></td> <td>A</td> <td>B</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>4SIF</td> <td>1 stream</td> <td>1 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> <td></td> </tr> </table>		A	B	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	1 stream	2SIF	2 streams	2 streams	SIF	3 streams	3 streams	
	A	B	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	1 stream													
2SIF	2 streams	2 streams													
SIF	3 streams	3 streams													
8000 Multi-streaming	SIF: 3 streams; 2SIF: 2 streams; 4SIF: 1 stream														
Video Output	NTSC/PAL composite video, 75 Ohms; 1V p-p, standard BNC connector. Software decode for display to PCs														
Video Input	NTSC/PAL video; 75 Ohms 1V p-p, standard BNC connector; S-Video														
Data Input/Output	1 Data port: RS232/RS422/RS485 up to 115.2 Kbps; 1 Data/Console port: RS232 up to 115.2 Kbps														
Audio Input*	Line in 3.5mm jack. Nominal voltage: 1V p-p, 16bit, 16kHz sampling; Mic 30mVp-p. Mic types: support for condenser and dynamic														
Audio Output*	Line out 3.5mm jack. 1V p-p, Minimum load impedance: 32 Ohms														
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														
Time	Embedded real-time clock, NTP client														
Regulatory	EN 55022(1994) ITE - Class A; EN 61000-3-2(1995) - Class A; EN 55024(1998) ITE immunity standard; EN 61000 3-3(1995) voltage fluctuation; CFR47(1995) Part 15 subpart B -Class A														
Binary Input/Output	4 opto-isolated inputs; 2 solid state relay outputs														
Dimensions	167 x 110 x 45 mm, 0.6Kg (excluding power supply)														
Operating Voltage	Power over Ethernet (802.3af Class 0); 14/35V DC, 24V AC														

	Standard	Extended Temp A	Extended Temp B
Operating Temperature	0 to +50°C/+32 to +122°F	0 to +65°C/+32 to +149°F	-30 to +65°C/-22 to +149°F
Storage Temperature	-20 to +70°C/-4 to +158°F	-20 to +70°C/-4 to +158°F	-30 to +70°C/-4 to +158°F
Power Consumption	7W max	8W max	8W (unit) + 30W (heater) max
Power Supplies	Power supplies are separately orderable. Extended Temp. Option B comes with an internal heater and 24V AC/DC heater power supply included. The heater consumes 30W of power.		



* Audio capability is an order option on all Transmitter/Receiver modules.