



IndigoVision



BX100 Four Channel Encoder

Cost-Effective Analogue to World Class IP Video Migration

Part of IndigoVision's professional BX range, the BX100 Four Channel Encoder delivers cost-effective migration from analogue to IndigoVision's renowned world class IP solution. The BX100's outstanding H.264 compression means 20% less bandwidth, reduced storage and better video quality than other mid-range encoders.

Completely integrated with IndigoVision's Control Center software and Network Video Recorders (NVRs), HD and Megapixel cameras can be added easily, giving the same world class IP video solution that's trusted by some of the most demanding security installations in the world.

Key Features

COMPRESSION

H.264

UP TO
25fps

G.711

OTHER

DNA

PoE

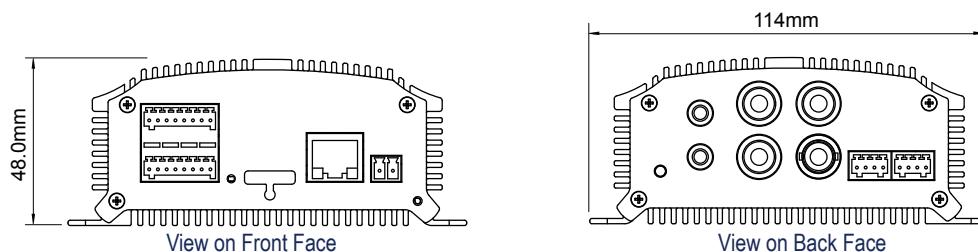
ONVIF

BNC

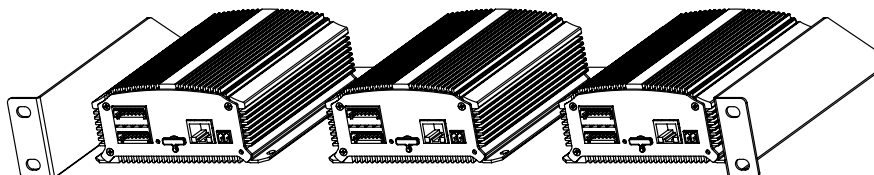
Product Codes

BX100 Four Channel Encoder	
Standard	511250
Standard with Management Software	561250
BX100 Four Channel Encoder Rack Mount Kit	
Rack Mount Kit	110103

Dimensions - BX100 Four Channel Encoder



BX100 Four Channel Encoder Rack Mount Kit



Specification

General Specification	
Video Resolution	4SIF: 704 x 576 pixels 2SIF: 704 x 288 pixels SIF: 352 x 288 pixels
Video Compression	Full frame rate, full colour: H.264 (ISO 14496-10); up to 25fps
Video Bit Rate	User-configurable bit rates from 32Kbps up to 8Mbps per video channel
Video Multi-Streaming	Up to 32Mbps total video output; Unlimited multicast connections. Up to four 8Mbps unicast connections
Video Multi-Encoder	Up to two simultaneous streams per channel
Video Input	4 PAL video; 75 Ohms 1V p-p, standard BNC connectors
Audio Compression	G.711
Audio Bit Rate	64Kbps per channel
Audio Resolution	8kHz sample rate. Mono Input
Audio Input	4 audio in, Nominal voltage: 2V p-p 1kOhms
Binary Input/Output	4 Pull up inputs for non powered contacts; 2 relay outputs @1A
Data Input/Output	1 Data port: half duplex RS485 up to 115.2 Kbps; 1 Console port; RS232 up to 115.2 Kbps
Network Interface	IEEE802.3 and IETF standards: 10/100 Base-T Ethernet, TCP, UDP, RTP, RTSP, ICMP, IGMP, SNMP, HTTP, HTTPS, PPPoE, uPnP, DHCP
Time	Embedded real-time clock, NTP client
Dimensions/Weight	128mm (d) x 114mm (w) x 48.0mm (h) and 0.8Kg (excluding power supply)
Regulatory	EN 55022 (2010) ITE emission standard – Class A, EN 55024 (1998) +A1:2000 +A2:2003 ITE immunity standard, CFR47(2008) Part 15 subpart B -Class A (US federal code of regulations), EN 60068-2-1 & 2 Low & High temp, EN 60068-2-6 & 64 Sinusoid & Random vibration, EN 60068-2-29 Bump, EN 60068-2-30 Humidity up to 95% Non Condensing
Electrical	PoE (802.3af Class 0) or 12V DC; 6W max
Operating Temperature	-10°C to 50°C
Power Supplies	Power supplies not included
Mounting Options	2U high rack mount kit available
IndigoVision Software Requirements	Control Center v11.0 or later
ONVIF	Profile S