

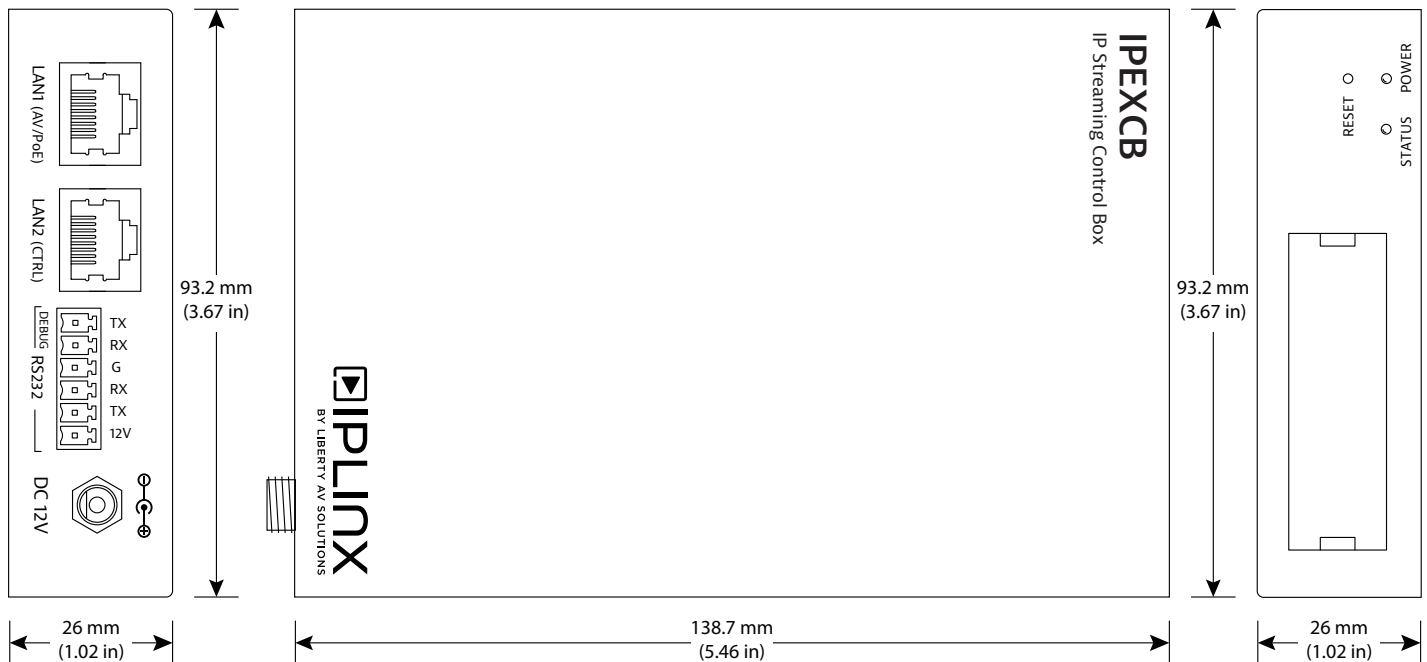
IPEXCB Technical Specifications

AV Over IP Control Box
Rev 160824

The IPLinx IPEXCB is an IP control box that is used as an A/V control device for controlling, configuring and managing encoders and decoders on the local area network. It integrates two Ethernet ports and two RS232 ports, offering integration-friendly control features, including a web GUI. The IPEXCB works directly with the IPLinx Control software for Windows and iPad. It can also be used with a third party controller to provide a simple, flexible control and management options.

The IPEXCB can automatically search and display encoders and decoders. It is designed to be compatible with the configuration file from the PC configurator software (IPLinx Config) and use the imported configuration file to perform operations on encoders and decoders such as matrix and video wall.

The IPEXCB is compatible with IPLinx IPEX2000 and IPEX5000 series streaming IP devices.



Input/Output Connections	
LAN	Two (2) 8P8C port (Shielded RJ45)
Power	One (1) 5.5 mm OD, 2.6 mm ID Threaded Barrel
RS232 Port	One (1) 6-pin Removable Terminal Block Connector
Reset Button	One (1) Recessed Microswitch
Supported Control	
Supported Baud Rates	9600 (control) and 115200 (debug)
Ethernet	100BaseT
LAN Maximum Distance	100 m (328 ft)
LAN Cable Requirements	Category 5e or greater with TIA/EIA-568B crimp pattern
Chassis and Environmental	
Construction	Black Steel
Dimensions (H x W x D)	26 mm x 93.2 mm x 138.7 mm (1.02 in x 3.67 in x 5.46 in)
Operating Temperature	0° to +40° C (+32° to +104° F)
Operating Humidity	20% to 90%, Non-condensing
Storage Temperature	-10° to +60° C (+14° to +140° F)
Storage Humidity	20% to 90%, Non-condensing
Power and Regulatory	
Power Input	12V DC 1A or 48V DC PoE (Power over Ethernet)
Power Output (RS232 port)	12V DC 0.5A
Power over Ethernet (PoE) Compatibility	802.3af Alternative B
Power Consumption	4.5 watts (10.5 watts when using 12V on RS232 port)
ESD Protection	8kV air, 4kV contact
Regulatory	FCC, CE, RoHS
Other	
Warranty	2 years
Diagnostic Indicators	Status and Power
Included Accessories	Installation Guide, Power Supply, 6-pin Removable Screw Terminal
Compatible Encoders	IPEX2001, IPEX5001
Compatible Decoders	IPEX2002, IPEX2003MV, IPEX5002