



LB-ICP

Link Bridge™ Inline Control Processor



LB-ICP

- An inline control processor with multiple control I/O ports
- Control I/O ports contain:
 - two (2) RS-232
 - two (2) Relay
 - two (2) Digital I/O
 - one (1) IR
 - one (1) Ethernet
- Control and monitor AV devices using a standard Ethernet network or a keypad
- Front panel port status indicators
- User friendly customizable control configurations via built-in web server

LB-KP8/KP4

Link Bridge™ Keypad,
8 or 4 Keys with RS-232 Interface



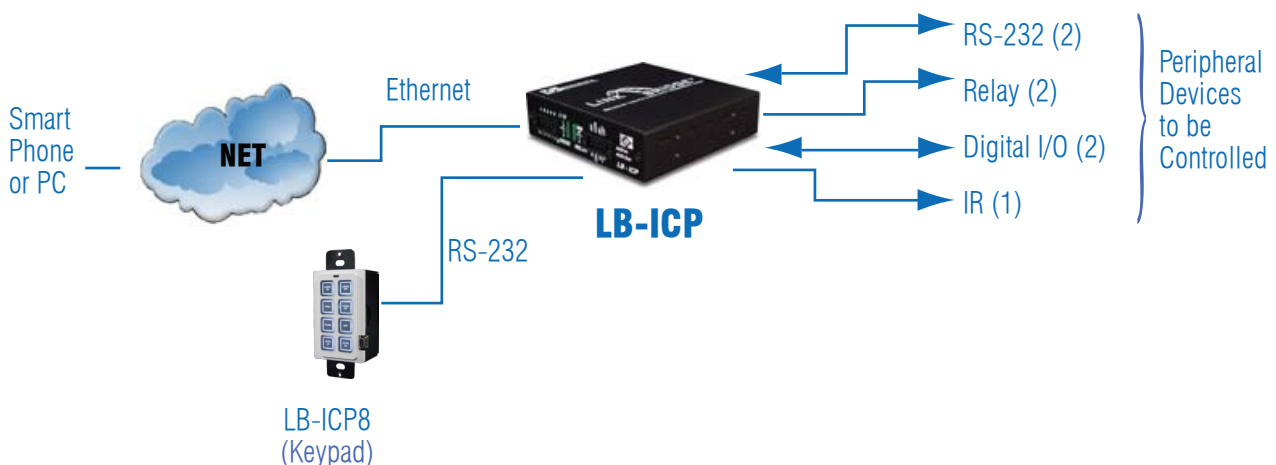
LB-KP8



LB-KP4

LB-KP8/LB-KP4

- 8-key (or 4-key) keypad with RS-232 interface
- Powered by LB-ICP
- User configurable buttons with dual color and backlit
- Replaceable button labels



DOING MORE WITH ONE CABLE



ETHERNET (CONTROL)

Channel Capacity	1
Connector	Female RJ-45 (integrated Activity and Link LEDs)
Data Rate	10/100Base-T, half/full duplex with autodetect
Protocols	DHCP, HTTP, TCP/IP, UDP/IP, AUTOIP, Telnet

RS-232 (CONTROL)

Channel Capacity	2 (no flow control) or 1 (with RTS/CTS flow control)
Baud Rate	2400 to 115200 baud (9600 baud= default), 8 data bits, 1 stop bit, no parity
Connector	Terminal block

DIGITAL I/O (CONTROL)

Channel Capacity	2 digital input/output (configurable)
Digital Input	Input voltage range: 0 to 5 VDC Programmable pullup: 2.2k ohms to +5 VDC Threshold low to high: 2 VDC Threshold high to low: 0.8 VDC
Digital Output	Output voltage high: 3 VDC min Output voltage low: 0.55 VDC max (64 mA sink max) Programmable open collector
Connector	Terminal Block

IR (CONTROL)

Channel Capacity	1 in and 1 out
Connector	3.5 mm jack (for IR blaster)
Carrier Frequency	30 kHz to 60 kHz (Output) 30 kHz to 60 kHz (IR learning)
IR Learning	2 inches capture distance from panel

RELAY (CONTROL)

Channel Capacity	2 normally open/normally closed relays
Relay Contact Rating	24 VDC, 1A
Connector	Terminal block

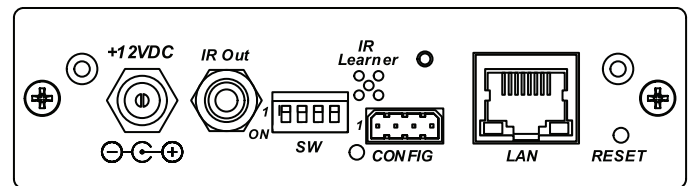
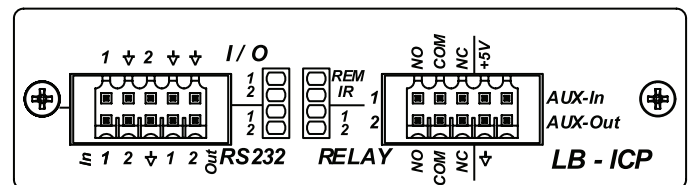
PHYSICAL (LB-ICP)

Dimensions	4.17" (W) x 4.10" (D) x 1.12" (H)
Power Consumption	12 VDC @ 0.5A
Operating Temperature	0 to 50-deg C
Humidity	0 to 95%, non-condensing

KEYPAD (LB-KP8 OR LB-KP4)

Dimensions	1.78" (W) x 1.66" (D) x 2.85" (H)
Configuration Port	RS-232, baud rate 19200 baud, 8 data bits, 1 stop bit, no parity
Power	12 VDC (powered by LB-ICP)

PANEL DRAWINGS



ORDERING INFORMATION

LB-ICP	Link Bridge Inline Control Processor
LB-KP8	Link Bridge Keypad, 8 Keys, RS-232 Interface
LB-KP4	Link Bridge Keypad, 4 Keys, RS-232 Interface

DOING MORE WITH ONE CABLE

