

ELECTRONIC JUNCTION BOX (EJB) TECHNICAL SPECIFICATIONS

Product Description

The Electronic Junction Box (EJB) is a physical junction point for connecting Elpas RF/IR Location Readers and LF Exciters plus other supplemental Echelon compatible components to the LONTalk backbone. The EJB is also used for hooking-up the connected devices to the system's 24VDC power source.

The 2-port EJB-2 connects up to two Elpas/Echelon devices while the 4-port EJB-4 links up to four Elpas/Echelon devices to the LONTalk BUS.

Made of polymer plastic, the EJB is furnished with a snap-on cover and a mounting bracket for installation above dropped ceiling tiles or onto solid ceilings or walls. Each EJB also contains a green LED Power ON status indicator.

NOTE: Mounting hardware and interface cables are not included.



Technical Specifications

Electrical	
Current Flow Through & Power	5.0 Amps / 0.1 Watt
LonTalk Interface	EJB-4: Four 4-position WAGA connectors EJB-2: Two 4-position WAGA connectors
Reader/Exciter Interface	EJB-4: Four RJ-12 (6P6C) female connectors EJB-2: Two RJ-12 (6P6C) female connectors
Visual Indicator	Power ON: Green LED
General	
Construction	Polymer Plastic
Dimensions (H x W x D)	82 x 82 x 43mm (1.3 x 1.6 x 0.6 inches)
Weight	EJB-4: 150 grams/5.0 ounces EJB-2: 140 grams/5.0 ounces
Temperature & Humidity	10°C to 70°C (14°F to 159°F) 20% to 80% non-condensing
Warranty	One year limited warranty
Compliance Standards	EN300 220-3, EN300489-3, EN60950, CE/RTTE Directive 1999/5/CE FCC Part 15, UL approved

Order Information

Part Number	Description
5-EJB00001	EJB - 4 Backbone & 4 RJ12 Ports
5-FJB00001	EJB - 2 Backbone & 2 RJ12 Ports

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About Visonic Technologies

Visonic Technologies, a fully owned subsidiary of Visonic, Ltd. (VSC.L) is a global leader in enterprise-class, active and passive RFID/RTLS real-time visibility solutions. Distributed under the Elpas, SpiderAlert, VisAccess and EIRIS system names the company's products deliver personnel identification and safety; supply-chain logistics, asset protection and facility supervision.