

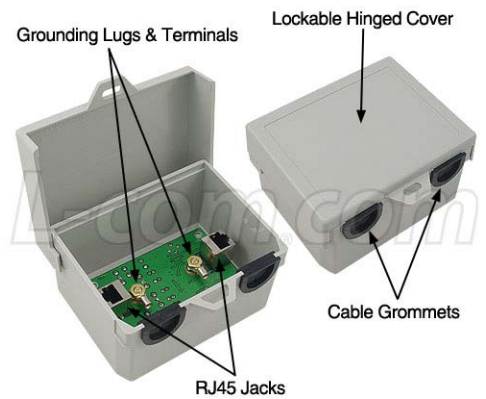
## HyperLink Wireless brand Weather Resistant 24V PoE Compatible 10/100 Base-T CAT5e Lightning Surge Protector

### Applications

- 10/100 Base-T Ethernet Equipment
- Wireless Access Points & Bridges
- Wireless Client Adapters
- IP Cameras

### Features

- CAT5, CAT5e and CAT6\* compatibility
- Compatible with 15V and 24V Power-Over-Ethernet (PoE) devices
- Supports PoE mode A and B for power
- Shielded RJ45 Jacks
- Impact and weather resistant enclosure with locking hinged cover



Model: AL-CAT5EJW24

### Description

The AL-CAT5EJW24 Lightning Protector provides superior lightning and surge protection for both indoor and outdoor 10/100 Base-T Ethernet networks. Integral to the design is protection for the four Ethernet data pairs and the PoE DC power feed.

\*This protector is also compatible with 10/100/1000 Base-T Ethernet networks, but it is recommended to be used on shorter length CAT6 cable runs for best performance.

The unit features a low capacitance diode array that can withstand large surge currents. The design utilizes a Thyristor diode which switches to a low impedance state once triggered. This offers superior power handling capability compared to TVS or Zener diode based designs. The limits are +/- 36 volts on the four cable pairs.

### 15 Volt and 24 Volt PoE Compatible

Designed to be compatible with 15V and 24V PoE devices, the AL-CAT5EJW24 is ideal for use with select devices from Motorola, Ubiquiti, Engenius and Planet as well as other PoE equipment requiring 15V or 24V.

**Note: This protector is not intended for use with standard 48V PoE devices.**

This unit supports normal and reverse polarity PoE. The AL-CAT5EJW24 is compatible with Wireless Access Points, Access Servers and Outdoor Routers, with or without Power-over-Ethernet (PoE) functionality.

The compact weather resistant housing features a lockable hinged cover and mounting holes are provided on the rear of the enclosure for mounting. The cable grommet may be adjusted to cable size and are removable.

**Specifications**

**Electrical Specifications**

<b>Ethernet Connectors</b>	(2) Shielded RJ45 Jacks
<b>PoE Clamping Voltage</b>	+/- 36 Volts
<b>CAT5e Data Lines</b>	Pair 1: Pins 1 and 2 Pair 2: Pins 3 and 6 Pair 3: Pins 4 and 5, Spare Pair 4: Pins 7 and 8, Spare
<b>PoE Mode Support</b>	Mode A and B for power

**Mechanical Specifications**

<b>Enclosure Material</b>	Polycarbonate
<b>Enclosure Color</b>	Gray
<b>Ground Lug</b>	(2) 12 AWG Max.
<b>Operating Temperature</b>	-40 C (-40 F) to +80 C (+176 F)
<b>Weight</b>	.40 lb. (.18 kg)
<b>Dimensions (WxHxL)</b>	4.75 x 4.06 x 2.81 (inches) 120.6 x 103.1 x 71.3 (mm)
<b>RoHS Compliant</b>	Yes

