

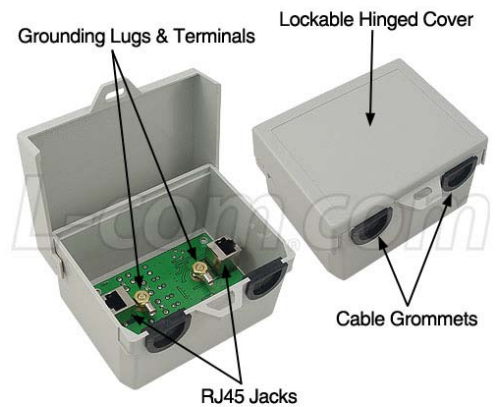
HyperLink Wireless Brand High Power 10/100 Base-T CAT5 Lightning and Surge Protector - Model: AL-CAT5HPJW

Applications

- IP, network, or web cameras
- VoIP telephone
- 10/100 Base-T networks
- Wireless access points & servers
- Wireless outdoor routers

Features

- Impact and weather resistant enclosure with locking hinge
- Three-stage protection & failsafe architecture
- Shielded RJ-45 Jacks
- 10/100 Base-T CAT5 protection
- Reverse Polarity PoE compatible



Description

The AL-CAT5HPJW is the outdoor version of the HGLN-CAT5-HP protector. This 3-stage lightning protector provides superior lightning and surge protection for indoor and outdoor 10/100 Base-T Ethernet networks. Also compatible with Power-over-Ethernet (PoE) devices, this unit provides protection to both Ethernet data pairs as well as the PoE DC power feed.

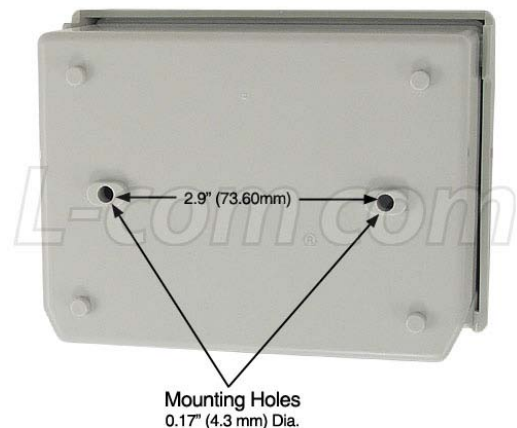
In the data path, the first stage is comprised of a differential gas discharge tube. Stage two is a pair of current limiting series resistors and the final stage is a high speed, low capacitance diode clamp array. In the power path, the first stage is comprised of a differential gas discharge tube. Stage two is a pair of filter inductors and the final stage is a pair of bi-directional clamping diodes.

Reverse PoE Compatible

This lightning surge protector is compatible with Cisco legacy network appliance products like Access Points, DC Injectors and other equipment supporting reverse polarity PoE pinouts.

Outdoor Use

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



Specifications

Mechanical Specifications

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

Electrical Specifications

Ethernet Connectors	(2) Shielded RJ45 Jack
Data Lines	Pair 1: Pins 1 and 2 Pair 2: Pins 3 and 6
Data Clamping Voltage	+/- 58 Volts
Spare pins/PoE Power	Pin 4 Pin 5 Pin 7 Pin 8
Spare pins/PoE Clamping Voltage	+/- 58 Volts
PoE Mode Support	Mode B using spare pins

