

## HyperLink Wireless brand Compact Weather Resistant 10/100 Base-T CAT5 Lightning Surge Protector with Screw Terminal Strips

### Model AL-CAT5SW

#### Features

- 10/100 Base-T CAT5 protection
- 802.3af Modes A and B Power-Over-Ethernet compatible
- Protects 4 data pairs
- For non-PoE applications unit protects two CAT5 lines or IP Cameras
- Supports use of shielded CAT5 cable
- Cisco® Reverse Polarity PoE compatible
- Screw terminal blocks
- Impact and weather resistant
- Locking hinged cover
- RoHS Compliant



#### Description

##### Power-Over-Ethernet (PoE) Compatible

The AL-CAT5SW is a Compact Weather Resistant Lightning Protector which provides lightning and surge protection for CAT5 data applications. The unit is fully compatible with industry-standard Power-over-Ethernet (PoE) devices and 10/100 Base-T Ethernet networks, providing protection to both Ethernet data pairs as well as the PoE DC power feed. The unit supports both modes A and B of the 802.3af standard for supplying DC power. Power can be fed up the CAT5 data pairs, 1-2, 3-6 or using the two unused pairs, 4-5, 7-8.

High speed semiconductors clamp any voltage, positive or negative on the wires. The limits are +/- 58 volts on the four cable pairs. The unit is compatible with both normal and inverted polarity voltage PoE equipment. For maximum protection two AL-CAT5SW units should be used, one at each end of the CAT5 cable.

This Lightning Protector is compatible with both 10 Base-T and 100-Base devices as well as Power-over-Ethernet (PoE) devices, including Wireless Access Points, Wireless Client Devices, Access Servers, Outdoor Routers and IP Cameras. A ground lug and terminal is provided in the lightning protector housing providing superior grounding. The unit also supports the use of shielded CAT5 cable.

For non-PoE applications this protector can be used for two CAT5 cables, 2-pairs in each cable. Applications include twin IP camera installations and network devices with dual CAT5 ports.

Optional versions of this unit can be used to protect Telephone and DSL lines as well as balanced data lines like RS-422/485. The unit will protect up to four balanced twisted pairs. Please consult the factory for custom versions of the unit. Minimum quantity requirements apply.

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



**Cisco Compatible**

This lightning surge protector is compatible with Cisco Aironet® 1100 and 1200 series access points, DC Injectors and other equipment supporting reverse polarity PoE pinouts.

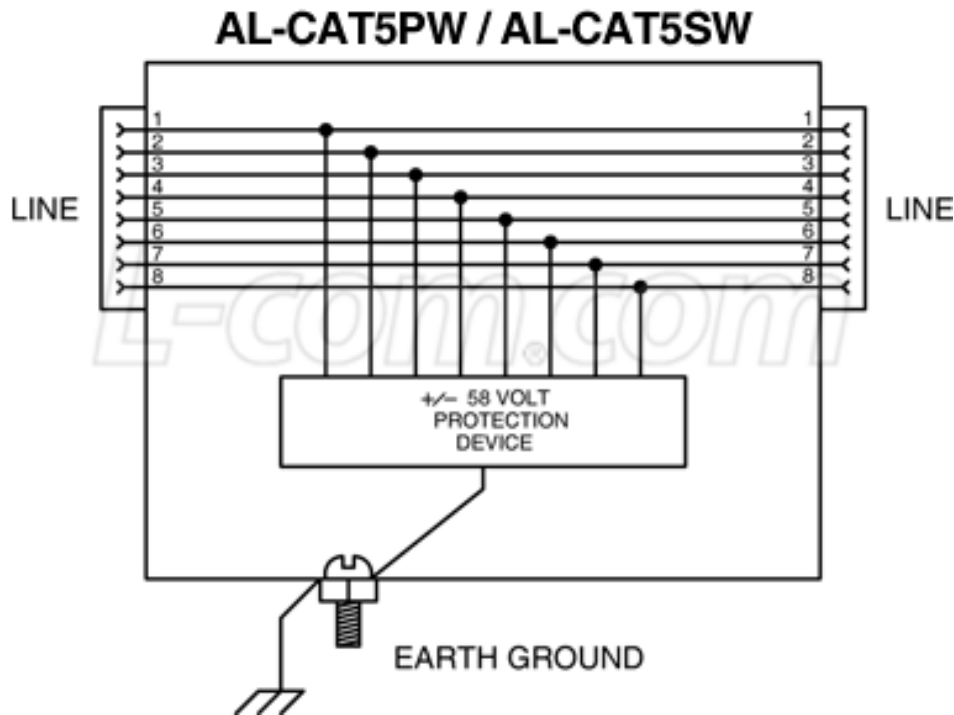
**Specifications**

**Electrical Specifications**

<b>Ethernet Connectors</b>	(4) Screw Terminal Blocks
<b>PoE Clamping Voltage</b>	58 Volts

**Mechanical Specifications**

<b>Enclosure Material</b>	PVC
<b>Enclosure Color</b>	Gray
<b>Ground Lug</b>	12 AWG Max.
<b>Operating Temperature</b>	-40 C (-40 F) to +80 C (+176 F)
<b>Weight</b>	.27 lbs. (.12 kg)
<b>Dimensions (WxHxL)</b>	3.06 x 1.93 x 4.06 (inches) 78 x 49 x 103 (mm)
<b>RoHS Compliant</b>	Yes



**Guaranteed Quality**

This product is backed by L-com's Limited Warranty.