

## In-Line PoE Surge Protector - 1 Gbps, Cat5e/6, Metal Case, IEC Compliant, TAA

MODEL NUMBER: **B110-SP-POE**



Use in your digital signage network to protect Power over Ethernet (PoE) equipment from surges, ESD and cable discharge events.

### Features

#### In-Line Surge Protector Keeps Your Power Over Ethernet (PoE) Equipment Safe

Ideal for home/corporate security systems, home theaters, trade shows and other digital signage applications, the B110-SP-POE protects connected equipment from damage caused by electrostatic discharge (ESD) and cable discharge events. Just connect it between your source and network equipment using Cat5/5e/6 cables, such as N001-Series snagless patch cables (sold separately). **Note:** *two B110-SP-POE surge protectors are required to protect both source and device.*

#### Your Last Defense Against Intruding Voltage Spikes

Solid-state silicon-avalanche diode technology features low clamping voltage, providing superior protection against ESD and super-fast response time under one nanosecond. Both mid-span and end-span PoE are supported. The B110-SP-POE meets the following IEC/EN regulations: IEC 61000-4-2 / IEC 61000-4-5 (ESD) 30kV (Air, Contact) and EN 61000-4-5 5kA (8/20s) / 4kV (10/700s).

#### Ready to Use Right from the Package, So You Can Plug and Play Immediately

This PoE in-line surge protector meets 802.3af and 802.3at IEEE standards, while supporting data transmission speeds up to 1 Gbps. No software, drivers or external power supply is required. The compact metal housing is designed to endure in applications where static discharge is likely to occur. Mounting hardware is included for convenient installation where needed. Be sure the distance between the B110-SP-POE and the equipment it is protecting is no more than 300 feet.

#### TAA-Compliant for GSA Schedule Purchases

The B110-SP-POE is compliant with the Federal Trade Agreements Act (TAA), which makes it eligible for GSA (General Services Administration) Schedule and other federal procurement contracts.

## Specifications

OVERVIEW	
UPC Code	037332217875
Product Type	Surge Protector

### Highlights

- Easy to connect between PoE source and device using standard Cat5/5e/6 cabling
- Rapid reaction time under 1 ns helps prevent damage from power surges
- Supports 802.3af/802.3at IEEE standards and data transmission speeds up to 1 Gbps
- Plug-and-play operation with no software required for easy, immediate installation
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

### Applications

Protect a Power over Ethernet (PoE) device's inputs and outputs against damage from electrostatic discharge or power surge

### Package Includes

- B110-SP-POE In-Line 1G PoE Surge Protector
- Grounding wire, 1 ft.
- (4) Mounting screws
- (4) Screw anchors
- Grounding wire screw
- Quick Start Guide

Technology	Cat5/5e; Cat6; PoE
<b>INPUT</b>	
Input Cord Length (ft.)	0
Right-Angle Plug	No
Input Cord Length (m)	0.00
<b>OUTPUT</b>	
Output Receptacles	Network
Right-Angle Outlets	No
<b>POWER</b>	
Power Over Cable (PoC) Support	Yes
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
Diagnostic LED(s)	No
<b>SURGE / NOISE SUPPRESSION</b>	
AC Suppression Joule Rating	0
Automatic Shut-Off	No
<b>DATALINE SURGE SUPPRESSION</b>	
Cable (Coax) Protection	No
Network (Ethernet) Protection	Yes
Telephone/DSL Protection	No
<b>PHYSICAL</b>	
Material of Construction	Aluminium
Housing Color	Black
Rackmountable	No
Shipping Dimensions (hwd / in.)	1.54 x 4.53 x 4.25
Shipping Dimensions (hwd / cm)	3.91 x 11.51 x 10.80
Shipping Weight (lbs.)	0.37
Shipping Weight (kg)	0.17
Unit Dimensions (hwd / in.)	2.630 x 3.430 x 1.060
Unit Dimensions (hwd / cm)	67 x 87 x 27
Unit Packaging Type	Box
Unit Weight (lbs.)	0.28

Unit Weight (kg)	0.13
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	14° to 167°F (10° to 75°C)
Storage Temperature Range	-40° to 194°F (-40° to 90°C)
Relative Humidity	0% to 95% RH, Non-Condensing
ESD Protection	30kV (Air, Contact)
Lightning Protection	5kA (8/20s), 4kV (10/700s)
<b>COMMUNICATIONS</b>	
Network Compatibility	1 Gbps (Gigabit)
IEEE Standards Supported	802.3af; 802.3at
<b>CONNECTIONS</b>	
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
<b>FEATURES &amp; SPECIFICATIONS</b>	
Rotatable Outlets	No
Antimicrobial	No
Driver Required	No
Recommended Category Cable	Cat5e, Cat6 Cables
<b>STANDARDS &amp; COMPLIANCE</b>	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
<b>WARRANTY &amp; SUPPORT</b>	
Product Warranty Period (Worldwide)	2-year limited warranty