

In-Line Network Surge Protector for Digital Signage - HDBaseT/10G Cat5e/6, IEC Compliant, TAA

MODEL NUMBER: B110-SP-CAT



Use in your HDBaseT or 10G network to protect network equipment from lightning surges, ESD and cable discharge events.

Features

In-Line Surge Protector Keeps Your 10G Ethernet Network Equipment Safe

Ideal for home/corporate security systems, home theaters, trade shows and other digital signage applications, the B110-SP-CAT protects connected network equipment from damage caused by lightning, electrostatic discharge (ESD) and cable discharge events. Just connect it between your source and network device using Cat5/5e/6 cables, such as Tripp Lite's N001-Series snagless patch cables (sold separately). Note: two B110-SP-CAT 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. Gas discharge modules on all four twisted pairs protect each wire from surges or spikes by dissipating the voltage transient through a contained plasma gas. The B110-SP-CAT meets the following IEC regulations: IEC 61000-4-2 (ESD) +/- 15kV (Air), +/- 8kV (Contact) and IEC 61000-4-5 (Lightning) 2kA (8/20µs), 6kV (8/20µs).

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

This in-line surge protector supports data transmission speeds up to 10 Gbps and 4K resolutions up to 3840 x 2160 at 60Hz (HDBaseT) without signal degradation. 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-CAT and the equipment it is protecting is no more than 300 feet.

TAA-Compliant for GSA Schedule Purchases

The B110-SP-CAT 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

Highlights

- Easy to connect between network source and device using standard Cat5/5e/6 cabling
- Rapid reaction time under 1 ns helps prevent damage from lightning/power surges
- Supports Ethernet network data transmission speeds up to 10 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 an HDBaseT Cat5e/6 network device's inputs and outputs against damage from lightning, electrostatic discharge or power surge

Package Includes

- B110-SP-CAT In-Line HDBaseT / 10G Cat5e/6 Network Surge Protector
- Grounding wire, 1 ft.
- (4) Mounting screws
- (4) Screw anchors
- Grounding wire screw
- Quick Start Guide



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UPC Code	037332217882
PHYSICAL	
Color	Black
Material of Construction	Aluminium
Unit Dimensions (hwd / cm)	67 x 87 x 27
Unit Dimensions (hwd / in.)	2.63 x 3.43 x 1.06
Unit Packaging Type	Box
Unit Weight (kg)	0.13
Unit Weight (lbs.)	0.28
ENVIRONMENTAL	
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	15kV (Air), 8kV (Contact)
Lightning Protection	2kA (8/20s), 6kV (8/20s)
COMMUNICATIONS	
Network Speed	10Gbps
CONNECTIONS	
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
FEATURES & SPECIFICATIONS	
Max Supported Video Resolution	4K x 2K @60Hz (HDBaseT)
Driver Required	No
Recommended Category Cable	Cat5e/6 Cables
Technology	Cat5/5e; Cat6
CERTIFICATIONS	
Certifications	Tested to CE, FCC, RoHS, REACH
WARRANTY	
Product Warranty Period (Worldwide)	2-year limited warranty



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<https://www.tripplite.com/products/product-certification-agencies>