In-Line Network Surge Protector - HDBaseT/10Gbps, Cat5e/6, Metal Case, IEC Compliant, TAA

MODEL NUMBER: **B110-SP-CAT**









Use in your HDBaseT or 10G network to protect network equipment from 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 electrostatic discharge (ESD) and cable discharge events. Just connect it between your source and network device using Cat5/5e/6 cables, such as 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 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 60 Hz (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.

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 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 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

Specifications

OVERVIEW	
UPC Code	037332217882

Product Type	In-Line Surge Protector
Accessory Type	Surge Protector
Technology	Cat5/5e; Cat6
Accessory Class	Audio Video Accessories
VIDEO	
Max Supported Video Resolution	4K x 2K @60Hz (HDBaseT)
INPUT	
Nominal Input Voltage(s) Supported	120V AC
Input Plug Type	RJ45
Input Cord Length (ft.)	0
Right-Angle Plug	No
Input Cord Length (m)	0.00
OUTPUT	
Output Receptacles	Network
Right-Angle Outlets	No
CONNECTIONS	
Side A - Connector 1	RJ45 (FEMALE)
Side B - Connector 1	RJ45 (FEMALE)
USER INTERFACE, ALERTS & CONTROLS	
Diagnostic LED(s)	No
SURGE / NOISE SUPPRESSION	
AC Suppression Joule Rating	0
Automatic Shut-Off	No
DATALINE SURGE SUPPRESSION	
Cable (Coax) Protection	No
Network (Ethernet) Protection	Yes
Telephone/DSL Protection	No
PHYSICAL	
Color	Black
Material of Construction	Aluminium
Housing Color	Black

Rackmountable	Yes
Shipping Dimensions (hwd / in.)	4.53 x 1.54 x 4.25
Shipping Dimensions (hwd / cm)	11.51 x 3.91 x 10.80
Shipping Weight (lbs.)	0.36
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
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 Compatibility	10 Gbps
Insertion Loss	<0.2 dB
FEATURES & SPECIFICATIONS	
Rotatable Outlets	No
Antimicrobial	No
IP68 Rated	No
IP20 Rated	No
Driver Required	No
Recommended Category Cable	Cat5e/6 Cables
STANDARDS & COMPLIANCE	
Product Compliance	RoHS; CE (Europe); REACH; FCC (USA); Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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