

## In-Line HDMI Surge Protector for Digital Signage - 4K @ 30 Hz, HDMI 1.4, HDCP, IEC Compliant, TAA

MODEL NUMBER: **B110-SP-HDMI**



Protects HDMI equipment from damage caused by power surges, electrostatic discharge (ESD) and lightning.

### Features

#### In-Line Surge Protector Keeps Your HDMI Source or Display Safe

Ideal for trade shows, convention halls, home theaters and other digital signage applications, the B110-SP-HDMI protects connected equipment from damage caused by lightning, electrostatic discharge (ESD) and cable discharge events. Just connect it between your source and display using HDMI cables, such as Tripp Lite's P568-003-Series high-speed cables (sold separately). Note: two B110-SP-HDMI surge protectors are required to protect both source and display.

#### 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. Low TDMS (Transition Minimized Differential Signaling) loss ensures you get the crispest and cleanest image on your display without any interference, including static lines. The B110-SP-HDMI meets the following IEC regulations: IEC 61000-4-2 (ESD) +/- 15kV (air), +/- 8kV (contact); IEC 61000-4-4 (EFT) 40A (5/50ns); and IEC 61000-4-5 (Lightning) 5A (8/20s).

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

This HDMI in-line surge protector supports 4K x 2K resolutions up to 3840 x 2160 at 30 Hz, as well as HDMI 1.4 and HDCP 2.2 specifications. It is a passive design and requires no external power supply. 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-HDMI and the equipment it is protecting is no more than 3 feet.

#### TAA-Compliant for GSA Schedule Purchases

The B110-SP-HDMI 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

### Highlights

- Easy to connect between HDMI source and display using standard HDMI cabling
- Rapid reaction time under 1 ns helps prevent damage from lightning/power surges
- Supports Ultra HD picture quality at resolutions up to 3840 x 2160 (4K x 2K) @ 30 Hz
- 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 Blu-ray player, monitor, cable/satellite box, media server or other HDMI digital signage component against damage from lightning, electrostatic discharge or power surge

### Package Includes

- B110-SP-HDMI In-Line HDMI Surge Protector
- Grounding wire, 1 ft.
- (2) Mounting screws
- (2) Screw anchors
- Grounding wire screw
- Quick Start Guide



<b>OVERVIEW</b>	
UPC Code	037332217868
<b>OUTPUT</b>	
Output Receptacles	(1) HDMI
Right-Angle Outlets	No
<b>INPUT</b>	
Nominal Input Voltage(s) Supported	120V AC; 230V AC
Input Cord Length (ft.)	0
Right-Angle Plug	No
Input Cord Length (m)	0.00
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
Diagnostic LED(s)	No
<b>SURGE / NOISE SUPPRESSION</b>	
AC Suppression Joule Rating	0
<b>DATALINE SURGE SUPPRESSION</b>	
Telephone/DSL Protection	No
Cable (Coax) Protection	No
Network (Ethernet) Protection	No
<b>PHYSICAL</b>	
Anti-Microbial Protected	No
Color	Black
Material of Construction	Aluminium
Unit Dimensions (hwd / cm)	2.54 x 5.83 x 2.54
Unit Dimensions (hwd / in.)	1 x 2.3 x 1
Unit Packaging Type	Box
Unit Weight (kg)	0.04
Unit Weight (lbs.)	0.08
<b>ENVIRONMENTAL</b>	
Operating Temperature Range	32 to 131°F (0 to 55°C)
Storage Temperature Range	-4 to 185°F (-20 to 85°C)



Relative Humidity	0% to 95% RH, Non-Condensing
ESD Protection	15kV (Air), 8kV (Contact)
EFT Protection	40A (5/50ns)
Lightning Protection	5A (8/20s)
<b>CONNECTIONS</b>	
Side A - Connector 1	HDMI (FEMALE)
Side B - Connector 1	HDMI (FEMALE)
Connector Plating	Nickel
<b>FEATURES &amp; SPECIFICATIONS</b>	
Max Supported Video Resolution	3840 x 2160 @ 30Hz
HDMI Specification	1.4
HDCP Specification	2.2
Technology	HDMI
<b>CERTIFICATIONS</b>	
Certifications	Tested to CE, FCC, RoHS, REACH
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

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