



# In-Line HDMI Surge Protector - 4K 60 Hz, HDCP, IEC Compliant, TAA

MODEL NUMBER: B110-SP-HDMI-1











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

#### **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-1 protects connected equipment from damage caused by power surges and electrostatic discharge (ESD). Just connect it between your source (media server, cable/satellite box, etc.) and display (HDTV, monitor, projector) using HDMI cables (such as P568-003-Series cables, sold separately). *Note:* Two B110-SP-HDMI-1 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-1 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 5A (8/20s).

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

The B110-SP-HDMI-1 supports Ultra HD resolutions up to 3840 x 2160 (4K x 2K) at 60 Hz. It is a passive design and requires no software or external power supply. The compact housing is designed to endure in applications where static discharge is likely to occur.

### **TAA-Compliant for GSA Schedule Purchases**

The B110-SP-HDMI-1 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	037332286925
Product Type	In-Line Surge Protector

# **Highlights**

Easy to connect between HDMI source and display using standard HDMI cablingRapid reaction time under 1 ns helps prevent damage from power surgesSupports UHD resolutions up to 4K @ 60 Hz for heightened video quality Plug-and-play operation with no software required for easy, immediate installationCompliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

# **Package Includes**

- B110-SP-HDMI-1 In-Line HDMI Surge Protector
- Grounding wire, 1 ft. (0.3 m)
- Grounding wire screw
- Installation Instructions





Accessory Type	Surge Protector		
Technology	ндмі		
Accessory Class	Audio Video Accessories		
VIDEO			
Max Supported Video Resolution	3840 x 2160 (4K) 60Hz		
HDR Support	No		
3D Video Supported	No		
INPUT			
Input Cord Length (ft.)	0		
Right-Angle Plug	No		
Input Cord Length (m)	0.00		
Bus Powered	No		
оитрит			
Output Receptacles	НОМІ		
Right-Angle Outlets	No		
POWER			
Power Over Cable (PoC) Support	No		
CONNECTIONS			
Side A - Connector 1	HDMI (FEMALE)		
Side B - Connector 1	HDMI (MALE)		
Connector Plating	Gold		
Connector Material	Zinc Alloy		
USER INTERFACE, ALERTS & CONTROLS			
Diagnostic LED(s)	No		
SURGE / NOISE SUPPRESSION			
AC Suppression Joule Rating	0		
AC Suppression Response Time	<1 ns		
Automatic Shut-Off	No		
DATALINE SURGE SUPPRESSION			
Cable (Coax) Protection	No		
Network (Ethernet) Protection	No		





Telephone/DSL Protection	No	
PHYSICAL		
Color	Black	
Material of Construction	ABS	
Housing Color	Black	
Rackmountable	No	
Shipping Dimensions (hwd / in.)	1.30 x 6.10 x 4.80	
Shipping Dimensions (hwd / cm)	3.30 x 15.49 x 12.19	
Shipping Weight (lbs.)	1.68	
Shipping Weight (kg)	0.76	
Unit Dimensions (hwd / in.)	0.587 x 1.373 x 0.869	
Unit Packaging Type	Вох	
Unit Weight (lbs.)	0.99	
Unit Weight (kg)	0.45	
ENVIRONMENTAL		
Operating Temperature Range	32° to 104°F (0° to 40°C)	
Storage Temperature Range	5° to 122°F (-15° to 50°C)	
Relative Humidity	0% to 85% RH, Non-Condensing	
ESD Protection	+/-15kV (air); +/-8kV (contact)	
EFT Protection	40A (5/50ns)	
Lightning Protection	5A (8/20us)	
COMMUNICATIONS		
Signal Range (ft.)	15	
Signal Range (m)	5	
EDID Compatible	No	
IR Remote Extension Support	No	
RS-232 Serial Extension Support	No	
Consumer Electronics Control (CEC) Supported	No	
FEATURES & SPECIFICATIONS		
Rotatable Outlets	No	
Antimicrobial	No	
Grounding	Includes 1 ft. (0.3 m) grounding wire and screw	
10/100 Ethernet Extension Support	No	





Integrated/Removable Cable	No	
MST Support	No	
Mounting Accessory Included	No	
Multi-Resolution Support	No	
Driver Required	No	
DIN Mountable	No	
STANDARDS & COMPLIANCE		
Product Certifications	EN 55032; EN 55035; ICES (Canada); IEC 61000	
Product Compliance	FCC Part 15 Class B (USA); RoHS; Trade Agreements Act (TAA)	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	2-year limited warranty	

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