

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 TMDS (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 cabling. Rapid reaction time under 1 ns helps prevent damage from power surges. Supports UHD resolutions up to 4K @ 60 Hz for heightened video quality. Plug-and-play operation with no software required for easy, immediate installation. Compliant 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



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| | |
|--|-------------------------|
| Accessory Type | Surge Protector |
| Technology | HDMI |
| 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 |
| OUTPUT | |
| Output Receptacles | HDMI |
| 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 |



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|--|---|
| 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 | Box |
| 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 | 0-85% 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 |



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|-------------------------------------|---|
| 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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