

HDMI Surge Protection Device

Application for protects equipment from high voltage surges such as lightning strikes. UL grounding requirements for HDMI cable offer protection from hazardous voltages that may occur on the shielding. Because of the physical length of ground wires, UL grounding systems may appear as an open circuit to lightning caused, high frequency surges and provide no protection from these surges getting into a home and destroying your HDMI BD, HDMI monitor...etc HDMI equipments.



HDMI Surge Protector

- Provide protection for HDMI equipments.
- Support HDMI 1.4
- Compliant IEC61000-4-2,IEC61000-4-4,IEC61000-4-5
- Built in ESD, EFT (impulse noise), Lightning protection.
- Reaction Speed : <math><1\text{nS}</math> .

Installation View

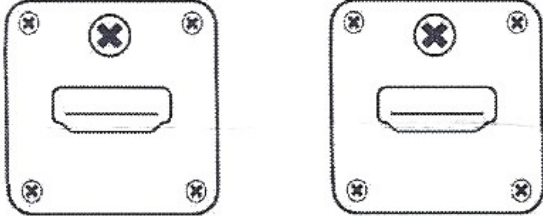
1. **SP008 Equipment End, connect to HDMI input/output.**
2. **Using one unit of SP008, Cable end connect to HDMI output side.**
3. **Using two units of SP008, connect the HDMI cable between two of SP008'S cable end.**



Recommend Cable:

1. Recommend use high quality HDMI 1.4 cable.
2. In order to have the best protection performance, the HDMI cable between HDMI equipment and SP008 surge protector should be less 1 meter..

Panel View:



HDMI Cable Distance and Caution:

1. For ensuring the unit can protect equipments, the earth cable must be connected to ground. ◦
2. Based on 4K2K resolution, the HDMI cable must less 3.5M.
3. Based on 1080P resolution, the HDMI cable must less 5M ◦

Specification

Input/output Interface	HDMI x 2
ESD Protection	15 KV(ESD) , 8 KV (Contact)
EFT Protection	40A (5/50ns)
Lightning Protection	5A (8/20 us)
Reaction Speed	< 1 nS
Temperature	Operation: 0 to 55°C, Storage: -20 to 85°C, Humidity: up to 95%
Dimension mm	58.3x25.4x25.4mm
Weight g	35g