



Surge Protector Series

User Manual

Model : SP008

HDMI Surge Protector



Introduction

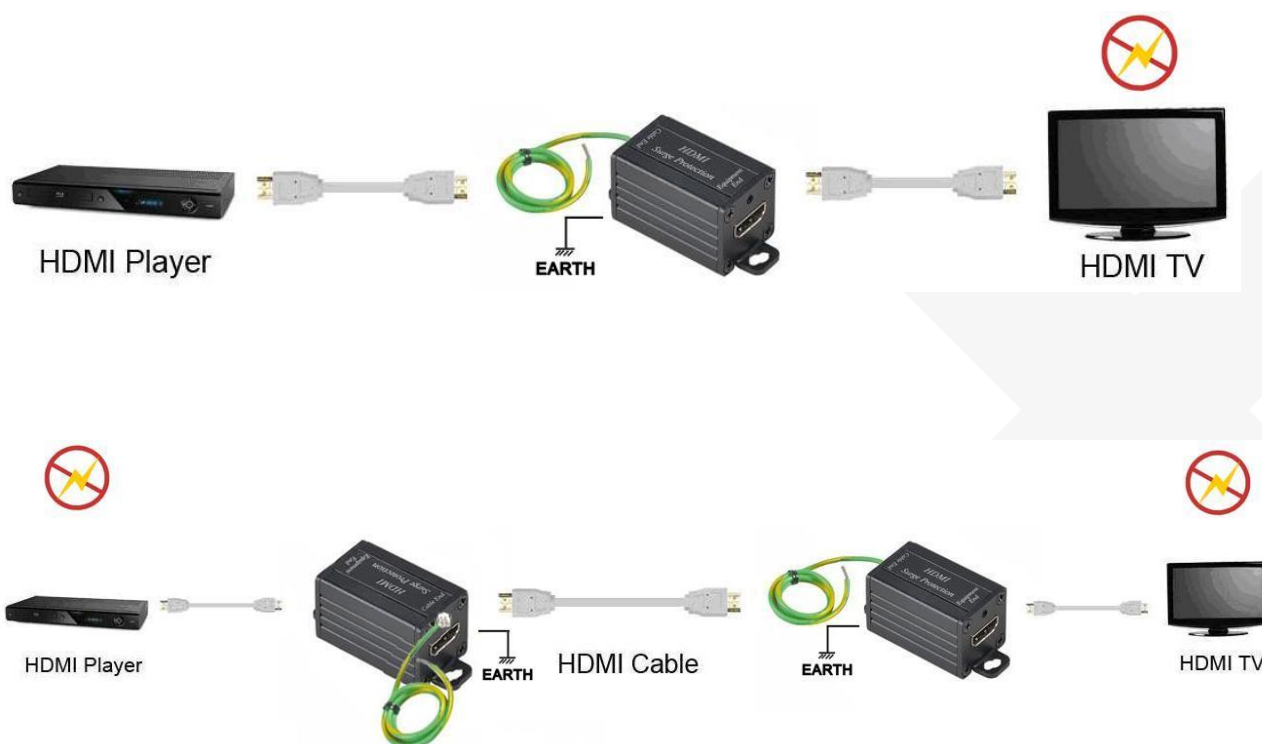
SP008 is a surge protector designed to protect HDMI devices from high voltage surges, supporting resolution up to 4K.

Features

- Resolution up to 4K.
- Built-in ESD, EFT (Impulse Noise) protection
- Response time less than 1 ns.

Installation View

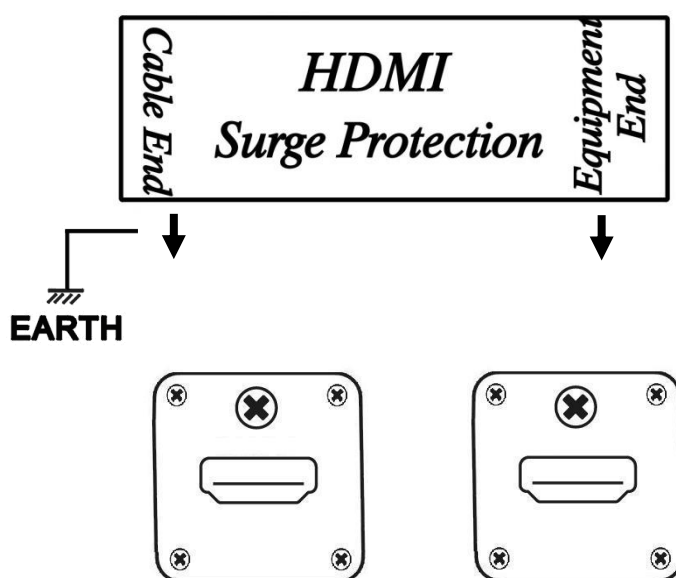
1. SP008 Equipment End, connect to HDMI input/output.
2. Using one unit of SP008, Cable end connect to HDMI output side.
3. Using two units of SP008, connect the HDMI cable between two of SP008's cable end.



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 Review



HDMI Cable Distance and Caution:

1. For ensuring the unit can protect equipment, 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

ITEM NO.	SP008
Support	
Compliance	HDMI 1.4, IEC61000-4-2, IEC61000-4-4, IEC61000-4-5
Response Time	Less than 1ns
ESD Protection	15 KV(ESD), 8 KV (Contact)
EFT Protection	40A (5/50ns)
Lightning Protection	5A (8/20 us)
Surge Life	300 times (100A per surge)
Ports & Interfaces	
Equipment End	1 x HDMI Type
Cable End	1 x HDMI Type
Ambient Temperature	
Operation	0 to 55°C
Storage	-20 to 85°C
Humidity	Up to 95%
Physical Characteristics	
Dimensions	58.3 x 25.4 x 25.4mm
Weight	35g