



Surge Protector Series

# User Manual

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Model : SP008

HDMI Surge Protector



## Introduction

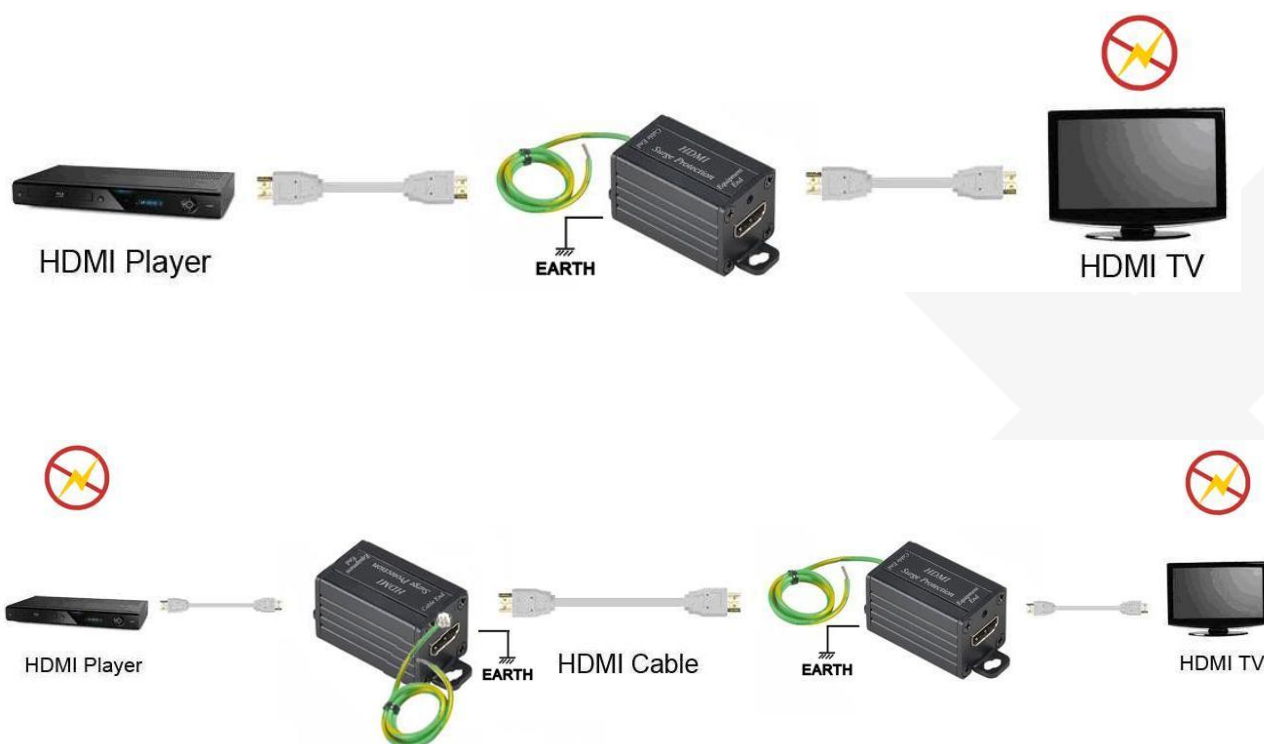
SP008 is a surge protector designed to protect HDMI devices from high voltage surges, supporting resolution up to 4K.

## Features

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

## Installation View

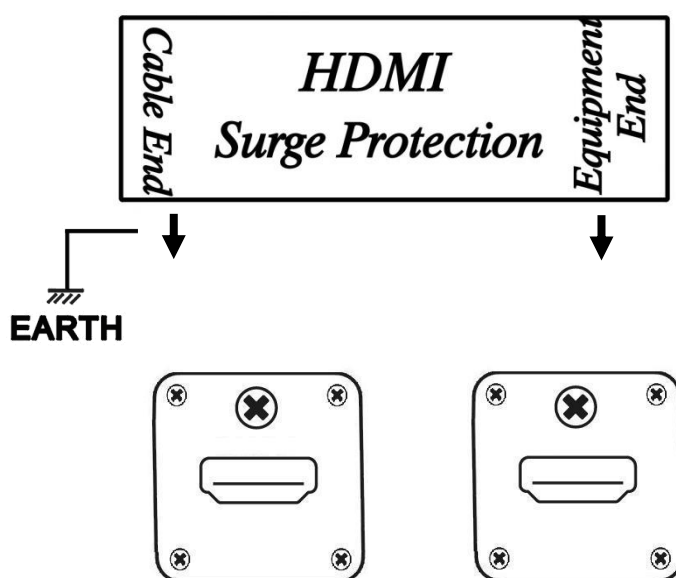
1. SP008 Equipment End, connect to HDMI input/output.
2. Using one unit of SP008, Cable end connect to HDMI output side.
3. Using two units of SP008, connect the HDMI cable between two of SP008'S cable end.



### 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  |