

# AP-PSP-050

## Outdoor PoE Surge Protector



### Technical Specifications

|                                               |                                        |
|-----------------------------------------------|----------------------------------------|
| Model                                         | AP-PSP-050                             |
| Number of Ports                               | 1                                      |
| Pass Through Data Rates                       | 10/100/1000 Mbps                       |
| Max Discharge Current (8/20us, 1KA per Line)  | 8KA, 16KV                              |
| Maximum Operation DC Voltage                  | 60VDC                                  |
| Maximum Operation DC Current                  | 1A for 2 pair, 2A for 4 pair, Max. 95W |
| Common Mode Protection Level (10/700us)       | 20KV                                   |
| Differential Mode Protection Level (10/700us) | 4KV                                    |
| Clamping Voltage (Line to GND)                | 600V                                   |
| Clamping Voltage (Line to Line)               | 20V                                    |
| Insertion Loss @ 10MHz/100MHz                 | 1dB                                    |
| Return Loss @ 10MHz/100MHz                    | -20dB                                  |
| Response Time                                 | 5ns                                    |

### Mechanical Specifications

|            |                                |
|------------|--------------------------------|
| Dimensions | 186.2 (L) x 50 (W) x 32 (H) mm |
| Weight     | 0.27 kg                        |
| Connectors | PG16(RJ45) x2                  |

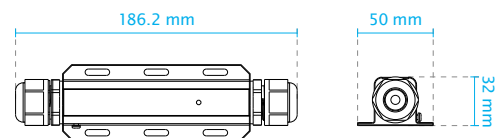
### Environmental Specifications

|                       |                              |
|-----------------------|------------------------------|
| MTBF                  | 1,132,887 hours              |
| Waterproof Rating     | IP67                         |
| Operating Temperature | -40°C ~ 85°C (-40°F ~ 185°F) |
| Storage Temperature   | -40°C ~ 85°C (-40°F ~ 185°F) |
| Operating Humidity    | 5 ~ 95% (non-condensing)     |

### Certifications

|        |                                                                 |
|--------|-----------------------------------------------------------------|
| EMC    | CE, FCC, VCCI, C-Tick                                           |
| Safety | EN60950-1, IEC60950-1                                           |
| Surge  | ITU-T K.21, IEC-61643-21, IEC-61000-4-5, TIA-968-A (FCC Part68) |

### Dimensions



## Application

