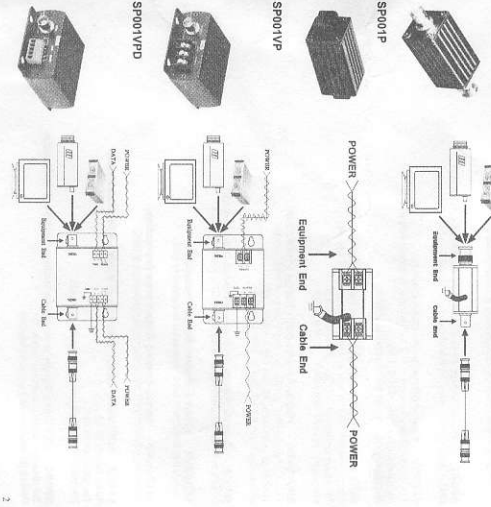


SP005 Video and Data Surge Protection Device
 BNC Female Terminal to BNC Female Terminal
 Perfect for speed dome camera & control signal

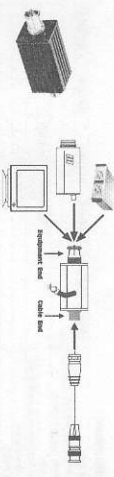
SP006 Network Surge Protection Device
 RJ45 Jack to RJ45 Jack
 Perfect for Network, PC modem, server, etc
 Protects UTP Twisted Pair products (TIA/EIA) multifunction transceiver) or any computer equipment with utilizing networking cable

SP016 Video Surge Protection For DVR In 1U Rack Mounting Panel
 SP016C: 16 BNC female to 16 BNC female
 SP016T: 16 Terminal connector to 16 terminal connector
 Provide protection for DVR, multiplexers or any equipment with multiple video inputs

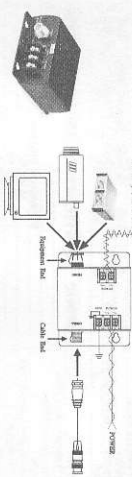
Installation View:



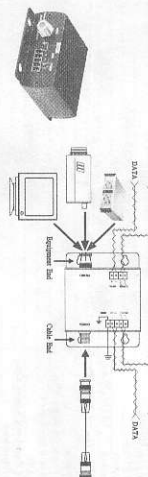
SP002



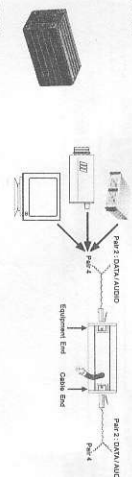
SP002VP



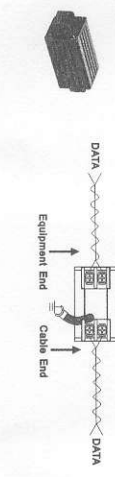
SP002VPD



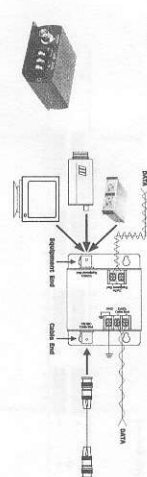
SP003



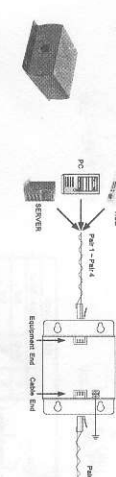
SP004



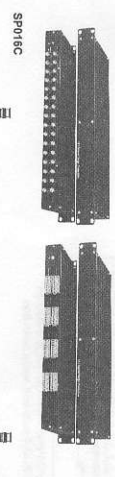
SP005



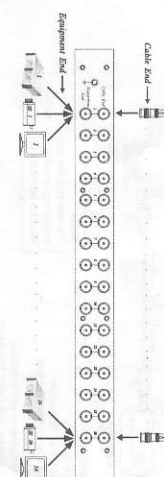
SP006



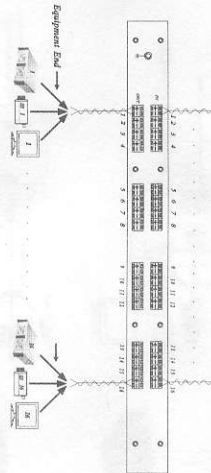
SP016C/SP016T



SP016C

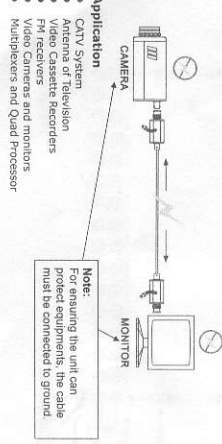


SP016T



| PAIR | Color | Function |
|--------|---------|----------|
| PAIR 2 | 1. TC | 82 |
| PAIR 3 | 2. W.G | Audio + |
| PAIR 4 | 3. BL | A1 |
| PAIR 5 | 4. W.BL | A2 |
| PAIR 6 | 5. G | Audio - |
| PAIR 7 | 6. W.BR | Video + |
| PAIR 8 | 7. BR | Video - |

* SP003 Pair 2, Paired with surge protection.
 * SP006 all 4 pairs with surge protection.



- Application**
- CCTV System
 - Antenna of Television
 - Antenna Cassette Recorders
 - FM Receivers
 - Video Cameras and monitors
 - Multiplexers and Quad Processor

Note:
 For ensuring the unit can protect equipments, the cable must be connected to ground.

Specification:

| ITEM NO. | SP001 | SP002 | SP003 | SP004 | SP005 | SP006 |
|------------------------------|--------------|-----------------|--------------------------------|--------------|----------------|----------|
| Surge Protection Attack Line | | | | | | |
| Maximum Surge Current | | | 300 surges of 100Amps | | | |
| Surge Life | | | Approx. 00 | | | |
| Surge Resistance Across Coax | | | 130V/AC /DC, 85Vrms at 10.Amps | | | |
| Surge Resistance | | | Less than 0.2dB | | | |
| Power Rating Capability | | | Less than 0.2dB | | | |
| Return Loss (75 ohms) | | | | | | |
| Dimensions | W x H x D mm | 80 x 80 x 50 | 80 x 80 x 50 | 85 x 85 x 50 | 87x67x27 | 87x67x27 |
| WEIGHT | g | 80 | 80 | 85 | 136 | 134 |
| Connections | | BNC | F | RJ45 | Terminal & BNC | RJ45 |
| ITEM NO. | SP001P | SP001VP/SP002VP | SP001VFD/SP002VFD | | | |
| Surge Protection Attack Line | | | | | | |
| Maximum Surge Voltage | | | 4KV | | | |
| Maximum Surge Current | | | 300 surges of 100Amps | | | |
| Surge Life | | | Approx. 00 | | | |
| Surge Resistance Across Coax | | | 10,000 MO | | | |
| Surge Resistance | | | Approx. 00 | | | |
| BAND PASS | | | 0-1 GHz | | | |
| Power Rating Capability | | | 150V/DC /A, 85Vrms at 10.Amps | | | |
| Return Loss (75 ohms) | | | Less than 0.2dB | | | |
| Power IN Pin | | | 16dB | | | |
| Dimensions | W x H x D mm | 85x25x25 | AC-10V(MAX), DC-50V(MAX) | | | |
| WEIGHT | g | 55 | 87x67x27 | 87x67x27 | 136 | 136 |
| Connections | | | | | | |
| ITEM NO. | SP016C | | SP016T | | | |
| Surge Protection Attack Line | | | | | | |
| Maximum Surge Voltage | | | 4 KV | | | |
| Maximum Surge Current | | | 300 surges of 100Amps | | | |
| Surge Life | | | Approx. 00 | | | |
| Surge Resistance Across Coax | | | 10,000 MO | | | |
| Surge Resistance | | | Approx. 00 | | | |
| BAND PASS | | | 0-1 GHz | | | |
| Power Rating Capability | | | 130V/DC /AC, 85Vrms at 10.Amps | | | |
| Return Loss (75 ohms) | | | Less than 0.2dB | | | |
| Power IN Pin | | | 16dB | | | |
| Dimensions | W x H x D mm | 48x24x20 | AC-10V(MAX), DC-50V(MAX) | | | |
| WEIGHT | g | 9 | 87x67x27 | 87x67x27 | 136 | 136 |
| Connections | | | | | | |

Online Coaxial / Twisted Pair Surge Protection Device

ITEM NO.: SP001, SP001VP, SP001VFD, SP002, SP002VP, SP002VFD, SP003, SP004, SP005, SP006, SP016C, SP016T, SP016T

Application for protects equipment from high voltage surges such as lightning strikes. UL grounding requirements for coaxial 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 for these surges getting into a home and destroying CCTV converters, TV sets, VCR, Camera etc.



- Features:**
- Performs a different function than grounding installations.
 - Protects equipment from high voltage surges from nearby lightning strikes.
 - Two stage protection: AC/DC, 130V/AC/DC, 12V
 - Wide range of applications: CCTV system, Antenna of Television, satellite receivers, FM receivers, video camera, monitors, multiplexers & Quad processor, VCR, etc.

SP001 Coaxial Surge Protection Device BNC Connector
 BNC male to BNC female, HI Frequency for both CCTV and CCTV use.

SP001P Power Surge protection Device
 2 pin terminal for power input to 2 pin terminal for power output.
 Max power input: AC: 40V(60VA), DC: 50V(MAX)

SP001VP Video & Power Surge Protection
 3 pin terminal + BNC female to 4 pin terminal + BNC female
 Two stage protection: AC/DC 130V, AC/DC 12V
 Max power input: AC: 40V(60VA), DC: 50V(MAX)

SP001VFD Video, Power, Data Surge Protection
 5 pin terminal + BNC female to 4 pin terminal + BNC female
 Two stage protection: AC/DC 130V, AC/DC 12V
 Max power input: AC: 40V(60VA), DC: 50V(MAX)

SP002 Coaxial Surge protection Device F Connector
 F male to F female, HI Frequency for both CCTV and CCTV use.

SP002VP Video & Power Surge Protection
 Identical as SP001VP but F connector to instead of BNC

SP002VFD Video, Power, Data Surge Protection
 Identical as SP001VFD but F connector to instead of BNC

SP003 UTP Video Surge protection Device RJ45 Connector
 RJ45 Jack to RJ45 Jack
 Two pairs protection
 Protects UTP twisted pair transmission products

SP004 UTP Data Surge protection Device Terminal Connector
 Terminal connector to terminal connector.
 Perfect for video or data signal protection