# DTK-PVPIPS

Ethernet & Auxiliary Power Surge Protector

**DITEK's DTK-PVPIPS** protects IP/PoE cameras and systems from electrical surges and spikes on the network cabling and power supply lines. It offers low impedance video/data protection and includes two pairs of power protection for auxiliary power to camera, heater, blowers, defrosters or PTZ motors. The DTK-PVPIPS is compatible with Cat5e, Cat6 and Cat6A cabling infrastructure, and provides optimum protection for power and data circuits.




## PRODUCT FEATURES

- Hybrid design utilizing TVS diode and GDT technologies for optimal protection
- Supports Ethernet speeds up to 10GbE without signal degradation
- Shielded RJ45 female connections with external grounding screw
- Protects (2) pairs of 12Vdc or 24Vdc power
- UL 497B listed

## APPLICATIONS

- IP/PoE Cameras with Auxiliary Power Requirements
- NVR Power Supply

## ACCESSORIES

- DIN Rail Mounting Kit, P/N DTK-DRK

| TECHNICAL SPECIFICATIONS | | |
|---|---|---|
| | **Ethernet / PoE** | **Power** |
| Service Voltage: | <60Vdc | 12-24Vdc |
| Clamping Voltage: | Differential: 7.22V<br>Common: 75V | 37V |
| Surge Current Rating: | 20kA per pair | 20kA per pair |
| Power Handling: | 144 watts | 6 amps |
| Protection Modes: | Differential Mode (Line-Line)<br>Common Mode (Line-Ground) | |
| Data Rate: | 10GbE | |

**DITEK Surge Protection, Largo, FL 33771 • Sales: 800-753-2345**
**Diteksurgeprotection.com • SPS-100091-001 Rev 7 04/26**

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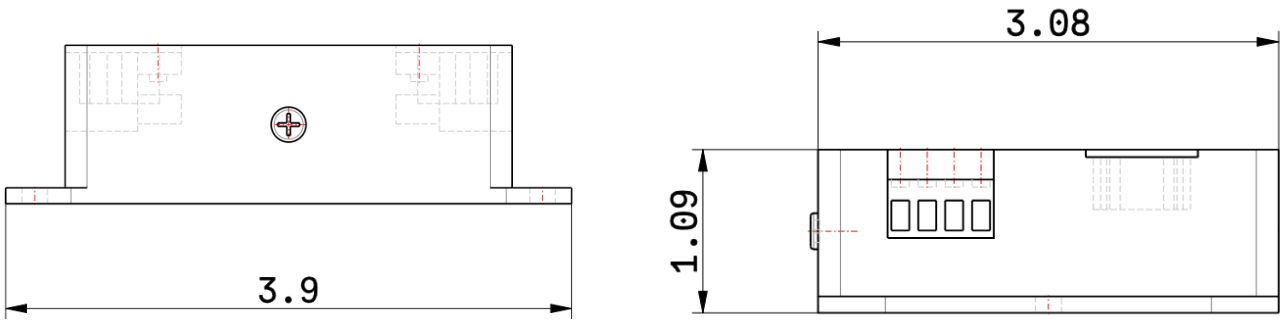
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Ethernet & Auxiliary Power Surge Protector

| IEEE PoE STANDARD | WATTAGE | COMPATIBLE |
|---|---|---|
| 802.3af | 15.4 W | Yes |
| 802.3at | 30 W | Yes |
| 802.3bt Type 3 | 60 W | Yes |
| 802.3bt Type 4 | 100 W | Yes |




| MECHANICAL SPECIFICATIONS | |
|---|---|
| Connection Method: | Shielded RJ45 Female In/Out<br>Screw terminals 30-14 AWG |
| Housing: | ABS |
| Operating Temperature: | -40°F – 158°F (-40°C – 70°C) |
| Maximum Humidity: | 95% non-condensing |
| Dimensions: | 3.9 in. L x 3.08 in. W x 1.09 in. H<br>(99 mm x 78 mm x 28 mm) |
| Weight: | 5.6 oz (159g) |

| SAFETY STANDARDS AND CERTIFICATIONS | |
|---|---|
| Certifications: | UL 497B |
| Standards Compliance: | ANSI/TIA-568, RoHS |
| Warranty: | 10 Year Limited Warranty |

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