

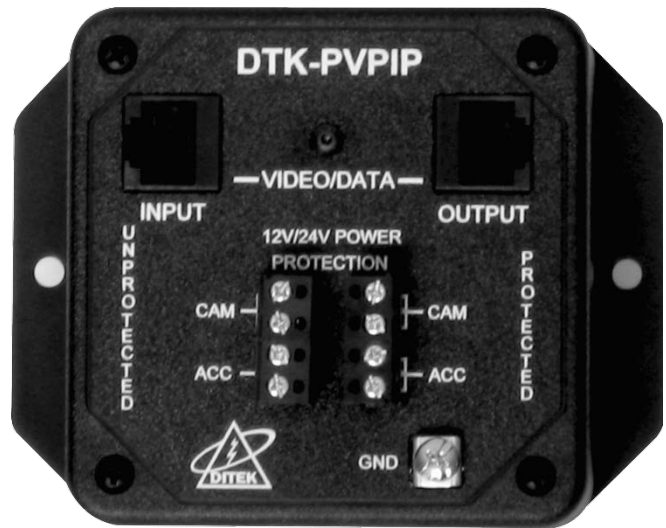


# DTK-PVPIP

## IP/PoE Video Power and Data Surge Protection General Product Specifications

IP/PoE Video is becoming the favored method for transmitting surveillance camera video to NVRs and monitoring stations, and more installers are taking advantage of its lower cabling and installation costs. The benefit of less expensive cabling comes with a price, however: unshielded wiring. IP/PoE Video applications demand surge protection!

DITEK's DTK-PVPIP protects IP/PoE Video cameras and systems from surges on the network cabling and power supply lines. Low-impedance video/data protection offers full Gigabit Ethernet transmission speed; the 12V / 24V power protection is rated for 5 Amps per pair to power camera plus heaters, blowers, defrosters, or PTZ motors. The PVPIP provides optimum protection of power, data and video connections in a single product.



### DTK-PVPIP

#### Product Features

- Can be used at Camera or individual NVR/Power supply feed
- RJ45 connection protects all four video/data pairs
- Two pairs of power protection
- External grounding screw
- Conforms to EIA/TIA standards for data transmission
- Automatically resets to protect against multiple surges

#### Specifications

- Application Point:** IP/PoE Cameras
- Standards Compliance:** EIA/TIA568A, EIA/TIA568B
- Data Rate:** Gigabit Ethernet using all four pairs
- Connection – Video/Data:** RJ45 In/Out, 8 pins
- Connection – Power:** #22-#14AWG screw terminals
- Max Continuous Current:** 1.5A Video/Data, 5A Power
- Protection Modes:** Line-Ground (All)
- Operating Temperature:** -40°F - 158°F (-40°C - 70°C)
- Maximum Humidity:** 95% non-condensing
- Dimensions:** 4.2" x 3.25" x 1.75" (107 x 83 x 44mm)
- Weight:** 5oz (141g)
- Housing:** ABS
- Warranty:** Ten Year Limited Warranty

#### Performance Data

DTK-PVPIP	Data	Power
<b>Service Voltage</b>	48V	12V / 24V
<b>MCOV</b>	64V	38V
<b>Clamp Voltage</b>	72V	47V
<b>Peak Surge Current</b>	30A/pair (10/1000µs)	2,000A/pair (8/20µs)

#### Complementary Products

- DTK-MRJ45C5E** – NVR or computer data line protection
- DTK-MRJPOE** – Power over Ethernet surge protection
- DTK-RM16C5** – 16-Port, Rack Mount Ethernet surge
- DTK-RM12POE** – 12-Port, Rack Mount PoE Surge

