

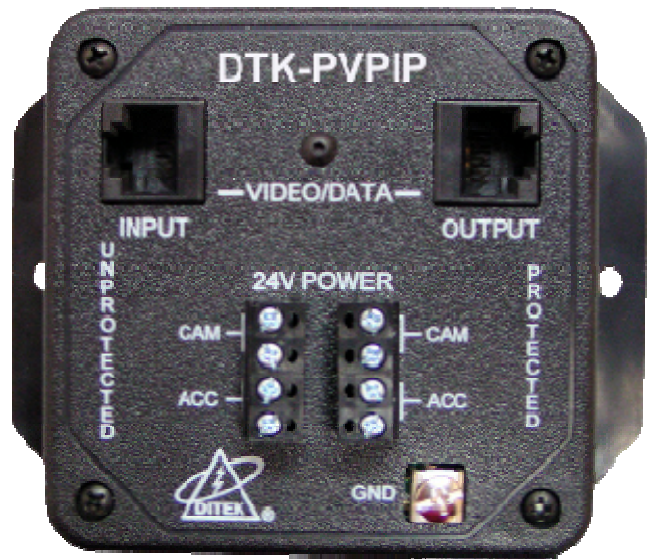


# DTK-PVPIP

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

IP 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 Video applications demand surge protection!

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



### 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:** Camera

**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:** 0.3A 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>	5V	12V / 24V
<b>MCOV</b>	6.8V	38V
<b>Clamp Voltage</b>	7.9V	47V
<b>Peak Surge Current</b>	268A/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

