



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
Service Voltage	5V	12V / 24V
MCOV	6.8V	38V
Clamp Voltage	7.9V	47V
Peak Surge Current	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

