



DTK-PVPIPS

Network & Auxiliary Power Surge Protector

DITEK's DTK-PVPIPS protects IP/PoE video 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

- Supports data speeds up to 10GbE without signal degradation
- Two pairs of power protection (12V or 24V), rated at 6 Amps per pair to protect power to camera, heaters, blowers, defrosters or PTZ motors
- RJ45 female connections with external grounding screw
- Complies with all IEEE Power over Ethernet standards
- UL497B Listed

Applications

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

Accessories

- DIN Rail Mounting Kit, p/n DTK-DRK

Technical Specifications

Service Voltage:	<60V Data, 12/24V Power
MCOV:	64V Data, 38V Power
Clamping Voltage:	Power-Common Mode: 47V Data-Common Mode: 72V Data-Differential Mode: 7.22V
Surge Current Rating:	20kA / Pair Data 2kA / Pair Power
Max. Continuous Current:	6A (Power)
Power Handling:	Up to 144 Watts (Data)
Data Rate:	Up to 10GbE

Mechanical Specifications

Connection Method:	Shielded RJ45 Female In/Out Screw Terminals – 14AWG max
Housing:	ABS
Operating Temperature:	-40°F – 158°F (-40°C – 70°C)
Maximum Humidity:	95% non-condensing
Dimensions:	4.2" L X 3.36" W x 1.85" H (107 mm x 85 mm x 47 mm)
Weight:	5 oz (141 g)

Quality Standards & Approvals

Certifications:	UL497B
Standards Compliance:	CAT5e, EIA/TIA 568A, EIA/TIA 568B
Warranty:	10 Year Limited Warranty

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

