

# DTK-4TPV

## Twisted Pair Video Camera Surge Protection



**DITEK's DTK-4TPV** video surge protector addresses a key vulnerability of Twisted Pair Video CCTV systems – the video wire. Lacking even the minimal amount of protection that a shielded coaxial line has, Twisted Pair Video (TPV) systems are vulnerable to surges entering on the unshielded video wiring, potentially damaging sensitive video equipment. The DTK-4TPV protects against such occurrences.

### Product Features

- Protects up to four video lines
- Suitable for use at the camera, converter or DVR
- Hybrid design provides the best possible protection
- Single point ground improves protection and speeds installation

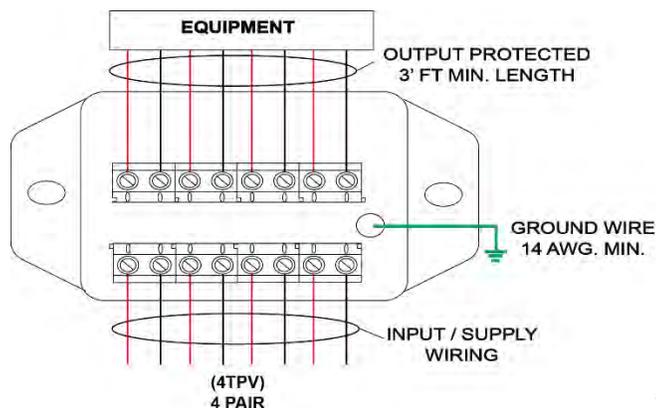
### Applications

- Twisted Pair Video Circuits
- Converters
- Digital Video Recorders (DVRs)

### Accessories

- DIN Rail Mounting Kit – Part Number DTK-DRK

### Wiring Diagram



### Technical Specifications

Service Voltage:	5V
Clamping Voltage:	6.8VDC
Protection Modes:	Positive-G, Negative-G
Surge Current Rating:	120 Amps per pair
Max. Continuous Current:	150mA
Operation Frequency:	0Hz – 10MHz
Insertion Loss:	<0.5dB – 10MHz

### Mechanical Characteristics

Connection Method:	#26 - #16 AWG
Housing:	ABS
Operating Temperature:	-40°F - 176°F (-40°C - 80°C)
Dimensions:	3.0"L x 1.6"W x 1.6"H (76mm x 41mm x 41mm)
Weight:	0.55 lb (250g)

### Quality, Standards & Approval

Warranty:	Ten Year Limited Warranty
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