



# DTK-MRJPOE

## Power Over Ethernet Power/Video/Data Surge Protection General Product Specifications

DITEK's MRJPOE protects circuits that use state-of-the-art Power Over Ethernet connections. This point of use surge protector can be installed either at the equipment end or ahead of injectors or midspan devices. The DTK-MRJPOE is ideal surge protection for PoE DVRs, NVRs, cameras, telephones and access control systems.



### DTK-MRJPOE

#### Product Features

- Protects power, video and data on fixed or PTZ cameras
- RJ45 connection with external grounding screw
- Ethernet data speed without signal degradation
- Multi-stage, SAD technology, hybrid design provides the best possible protection
- Complies with IEEE Std. 802.3af and 802.3at for PoE
- Available as a single device or 12-Port, 2U Rack Mount (DTK-RM12POE)
- PoE Plus ready for high-wattage applications

#### Specifications

**Connection Method:** RJ45 In/Out  
**Pinout:** All 8 pins are protected  
**Data Rate:** 100mbps (100Base-T)  
**Max Continuous Current:** 1.5 Amps  
**Dissipation:** 3,000W/pair (10/1000 $\mu$ s impulse)  
**Protection Modes:** Line-Ground (All)  
**Operating Temperature:** -40°F - 158°F (-40°C - 70°C)  
**Maximum Humidity:** 95% non-condensing  
**Dimensions:** 1.7" x 3.0" x 1.2"  
(43mm x 76mm x 30mm)  
**Weight:** 4oz (113g)  
**Housing:** ABS  
**Warranty:** Ten Year Limited Warranty

#### Performance Data

	DTK-MRJPOE	DTK-MRJPOEB
<b>Service Voltage</b>	48V – 54V	48V – 54V (pins 4,5 & 7,8) 5V – 24V (pins 1,2 & 3,6)
<b>MCOV</b>	64V	64V (pins 4,5 & 7,8) 24V (pins 1,2 & 3,6)
<b>Clamp Voltage</b>	72V	72V (pins 4,5 & 7,8) 28.4V (pins 1,2 & 3,6)
<b>Peak Surge Current</b>	30A/pair	30A/pair

