



# DTK-MRJPOE

## Power Over Ethernet Power/Video/Data Surge Protection Gigabit Ethernet 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, 1U Rack Mount (DTK-RM12POE)
- PoE Plus ready for high-wattage applications
- Ten Year Limited Warranty

#### Specifications

**Agency Approvals:** UL497B

**Standards Compliance:**

CAT5e, EIA/TIA568A, EIA/TIA568B

**Connection Method:** RJ45 In/Out

**Pinout:** All 8 pins are protected

**Data Rate:** Gigabit Ethernet

**Max Continuous Current:** 1.5 Amps

**Dissipation:** 3,000W/pair (10/1000µs 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

#### Performance Data

	DTK-MRJPOE
Service Voltage	48V
MCOV	64V
Clamp Voltage	72V
Peak Surge Current	30A/pair

