



# DTK-RM12POE

## Rack Mount Power Over Ethernet Surge Protection Gigabit Ethernet General Product Specifications



DITEK's RM12POE protects circuits that use state-of-the-art Power Over Ethernet connections. This 12-port, 1U Rack Mount surge protector is designed to protect midspans, injectors, PoE hubs, and other PoE network equipment. The DTK-RM12POE is ideal surge protection for PoE Network Video Recorders, Voice over IP (VoIP) systems, or any other multi-port system requiring power and data.

### DTK-RM12POE

#### Product Features

- 12 port, RJ45 In/Out connection
- Field-replaceable individual modules
- Multi-stage, SAD technology, hybrid design provides the best possible protection
- Gigabit Ethernet data speed without signal degradation
- Complies with IEEE Std. 802.3af and 802.3at for Power Over Ethernet
- High wattage PoE Plus compliant

#### Specifications

**Agency Approvals:** UL497B

**Standards Compliance:**

CAT5e, EIA/TIA568A, EIA/TIA568B

**Connection Method:** RJ45 In/Out, 8 pins, 12 ports

**Pinout:** Data & Power – All 8 Pins (4 pairs)

**Max Continuous Current:** 1.5A

**Data Rate:** Gigabit Ethernet

**Power 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:** 1.75" x 19.0" x 2.75"  
(45mm x 483mm x 70mm)

**Weight:** 1.67lb (.76kg)

**Housing:** Galvanneal Sheet Metal

**Warranty:** Ten Year Limited Warranty

#### Performance Data

	DTK-RM12POE
Service Voltage	48V – 54V
MCOV	64V
Clamp Voltage	72V
Peak Surge Current	30A/pair

