



# DTK-RM12POE

## Rack Mount Power over Ethernet Surge Protector



DITEK's DTK-RM12POE protects power, video and data circuits that use state-of-the-art Power over Ethernet connections. This 12-channel, 1U rack mount surge protector is compatible with CAT5e, CAT6 and CAT6A cabling infrastructure, and is ideal for installations where multiple Ethernet cabling feeds require protection before entering network switches.

### Product Features

- Hybrid design utilizing SAD and GDT technologies for optimal protection
- Supports data speeds up to 10GbE without signal degradation
- RJ45 female connections with external grounding screw
- Complies with all IEEE Power over Ethernet standards
- UL497B Listed

### Applications

- Network Switches, NVR's
- Midspans, Injectors, PoE Hubs
- Audio Video Over IP Systems
- Access Control
- PoE Lighting

### Accessories

- Field-replaceable module, p/n DTK-RM12POEM

### Technical Specifications

<b>Service Voltage:</b>	<60V
<b>Protection Modes:</b>	Common (All), Differential (All)
<b>Clamping Voltage:</b>	Common Mode: 75V Differential Mode: 7.22V
<b>Surge Current Rating:</b>	20kA / Pair
<b>Power Handling:</b>	Up to 144 Watts
<b>Data Rate:</b>	Up to 10GbE

### Mechanical Specifications

<b>Connection Method:</b>	RJ45 Female In/Out
<b>Housing:</b>	Galvanneal
<b>Operating Temperature:</b>	-40°F – 158°F (-40°C – 70°C)
<b>Maximum Humidity:</b>	95% non-condensing
<b>Dimensions:</b>	19" L X 2.75" W x 1.75" H (483 mm x 70 mm x 45 mm)
<b>Weight:</b>	1.6 7 lb (0.76 kg)

### Quality Standards & Approvals

<b>Certifications:</b>	UL497B
<b>Standards Compliance:</b>	CAT5e, EIA/TIA 568A, EIA/TIA 568B
<b>Warranty:</b>	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

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