

Total Surge Solution

**IP Video and Power Over Ethernet Protection
for NVRs, Servers, Cameras and Networks**

Nightmare on I.T. Street! A True Story

A major Southeastern University installed network-integrated IP cameras across its campus as a safety precaution after a series of violent acts were committed against female students.

Subsequently, during a thunderstorm, lightning hit a dormitory's parapet-mounted IP camera. The unprotected camera was destroyed. The lightning surge then traveled to the unprotected network server, destroying both the server and the switch. The surge kept going, eventually destroying network cards in students' laptops at the very end of the cable runs.

In the blink of an eye, the building's IT backbone, including the CCTV systems, went down. Equipment losses from this **single event** exceeded **\$100,000**. Of greater concern to the University, the loss of the cameras and recorders left students vulnerable to criminal attacks until replacements could be installed. Several other buildings experienced similar failures over the next few months.

The VERY unhappy I.T. Director summoned the project integrator, two engineering firms, the camera manufacturer, and the distributor to a "How could this have happened?" meeting. The distributor contacted DITEK, who immediately deployed their Tech Team to perform a site survey and recommend the appropriate surge protection solutions, which have since been installed across the entire campus.

There have been no further losses.

**Keep this nightmare from happening to you and your customer by
using DITEK surge protection!**

CCTV ▼ POWER ▼ INTRUSION ▼ FIRE ▼ ACCESS ▼ VOICE/DATA
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Technical Support: 1-888-472-6100

DITEKCORP.com

1-800-753-2345

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Protect Your Security Investment with DITEK!

Power outages, surges, and voltage transients on network data lines can render Network Video Recorders, IP/PoE security cameras, IP-enabled access control systems, and network equipment inoperable when they are needed most. DITEK's **Gigabit IP and Power over Ethernet** line of surge protectors help prevent equipment loss from damaging electrical events.

IP and PoE Protection

Gigabit Data Capable and PoE Plus Ready!

▶ DITEK Part Number	▶ Application Point	▶ Connection
• DTK-MRJ45C5E	• Single IP Cameras, Ethernet Connections, POS Terminals	• RJ45 In/Out (1)
• DTK-RM16C5	• Network Routers, Switches, Servers; Rack-Mount, 2U Height	• RJ45 In/Out (16)
• DTK-RM12C5	• Network Routers, Switches, Servers; Rack-Mount, 1U Height	• 110/RJ45 In/Out (12)
• DTK-PVPIP	• Single IP Cameras, Individual NVR/Power Supply Feed	• RJ45 In/Out (1), UTP
• DTK-MRJPOE	• Individual IP Cameras, VoIP Handsets, Access Control, Single Injectors	• RJ45 In/Out (1)
• DTK-RM12POE	• Switches, Midspans, Multi-Camera Injectors; Rack-Mount, 2U Height	• RJ45 In/Out (12)

DTK-RM12C5



- Surge-protected 12-port patch panel
- 6.8V clamping
- Gigabit Ethernet data rate

DTK-RM16C5



- 16-port surge-protected patch panel
- 6.8V clamping
- Protects a variety of network gear

DTK-RM12POE



- 12-port Power over Ethernet protection
- Compatible with PoE Plus current requirements
- Protects midspans, power supplies



DTK-PVPIP

- Protects power, data & video in one single product
- Gigabit Ethernet



DTK-MRJ45C5E

- Up to 8 megapixel IP Video
- Gigabit Ethernet



DTK-MRJPOE

- Protects Data & Power
- PoE+ Ready

Don't let downtime compromise your security. Rely on DITEK to keep your crucial equipment operating.

DITEK Corporation



DITEK Corporation continues to lead the industry in the design and manufacture of low-voltage surge protection devices and systems— offering unparalleled protection for commercial, industrial and residential applications, including: CCTV/Surveillance Systems, Fire and Intrusion Alarm, Electrical Power, Access Control, and Voice and Data applications.

At DITEK's ISO 9001 certified manufacturing facility in Largo, FL, a highly-trained and culturally diverse workforce utilizes state-of-the-art equipment and lean manufacturing methodologies. DITEK's Technical Support Team is available 24/7 to answer application or installation questions by phone or Internet live chat. Live and web-based product training, CEU courses and collateral materials are readily available through DITEK's Marketing Services Group.



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Document: SMS-100024-001 (920-005) Rev. 3 12/11