

Power over Ethernet Active Injector With Surge Protection



MSTronic's MIT-07DT Power over Ethernet (PoE) Active Injector offers a compact and cost effective, fully IEEE 802.3af compliant solution for remote powering of Wireless LAN (WLAN) Access Points, Voice over IP phones and network security cameras. The MIT-07DT PoE Active Injector automatic detection and protection of legacy Ethernet terminals, eliminates the need for external power supply and its associated AC/DC power cabling, providing a compact, affordable, safe and reliable power solution over existing Ethernet infrastructure.

Specifications

No. of Ports	1
Data Rates	10/100 Mbps
Power over Ethernet Output	Pin Assignment and Polarity: 4/5 (+), 7/8 (-) Output Power Voltage: -48V User Port Power: 15.4W min.
Input Power Requirements	AC Input Voltage: 90 to 264 Vac AC Input Current: 0.4A @ 110 Vac /0.2A @ 220 Vac AC Frequency: 47 to 63 Hz
Dimensions	85 mm (L) x 76 mm (W)x 36 mm (H)
Weight	150 g
Indicators	AC Powered (Red), Channel Powered (Green), Channel Alarm (Red)
Connectors	2 Shielded RJ-45, EIA 568A and 568B
Environmental Conditions	Operating Ambient Temperature: 32 °C to 104°F (0 to 60°C) Operating Humidity: Maximum 90%, Non-condensing Storage Temperature: -4 to 158°F (-20 °C to 70°C) Storage Humidity: Maximum 93%, Non-condensing Operating Altitude: -1000 to 10,000 ft. (-304.8 to 3048 m)

Benefits:

- Easy plug and play installation
- Saves time, and reduces installation costs
- Investment protection of existing Ethernet switches and cabling infrastructure
- Safe powering of standard compliant, as well as legacy end-terminals
- Cost effective power distribution for WLAN access point installations
- Surge voltage protection.

Description of Features

- Compact Design – MIT-07DT is a small and compact standalone product. No additional components are needed. Just add an AC cord.
- Standard Compliance – MIT-07DT PoE midspan is fully compatible with IEEE 802.3af standard. It features a standard auto-sensing algorithm and provides safe power to remote terminals.
- Upgrade legacy Ethernet Switches. The MIT-07DT Power over Ethernet (PoE) Active Injector connects to legacy Ethernet infrastructure, enables users to upgrade their existing Ethernet switches, and provides Power over Ethernet capabilities. The MIT-07DT generates safe power over standard Category 5 cabling. By sending 48V. Ethernet terminals, such as wireless LAN access points, IP Phones and network cameras are powered remotely. An external splitter may be installed where a device is not standard compliant.
- Easy to Install. The MIT-07DT PoE Active Injector is a plug-and-play device. It automatically detects the PoE terminal and supply Power over Ethernet.
- Concise LED Displays. The MIT-07DT has a two-colored LED, indicating normal, overload or short-circuit conditions.
- Surge voltage protection. A suppression circuit safely protects data signals. (option)

Option

MIT-07 standard injector

MIT-07D with detect function (802.3af compliant)

MIT-07T with surge protection

MIT-07DT with detect function and surge protection (802.3af compliant)