KPOE-800HP

Industrial 8-Port Mid-span Power over Ethernet Injector

1 unit in a rack

2 units in a rack

The KTI Injector is a mid-span power injector designed and tested for use with all IEEE802.3af and IEEE 802.3at compatible PoE Powered Devices (PD). The PoE injector sits between a switch port and the PoE powered device, providing inline power capability to an unpowered switch port. The injector can support eight PoE PDs and deliver up to 30W power to each PD over Cat.5..

The 8-port injector can enhance existing installed Ethernet switches with PoE functionality easily. The installation is plug & play and no need any software configuration. The installation cost is less than upgrading to new PoE switches.

The 8-port injector is interoperable with all Ethernet switches from different switch vendors, and end powered devices which comply with typical PoE 802.3af and high power 802.3at standard. It protects your existing network installation and future investment as well

Key Features:
- Supports 8 Ethernet ports
- IEEE 802.3at compliance
- Gigabit Ethernet support
- Transparent to switch functionality
- Redundant power support
- Standard user safety protection
- 19" rack mounting support

Specifications:

Network Ports	8 connections to switched ports (DATA IN)
PD Connections	8 connections to powered devices (PoE OUT)
Compatible Ethernet	Ethernet, Fast Ethernet & Gigabit Ethernet
PoE Standard	IEEE 802.3at compliance
Data IN Jacks	Shielded RJ-45 IEEE 802.3, 10Base-T, 100Base-TX, 1000Base-T std. Hot-plug support
PoE OUT Jacks	Shielded RJ-45 IEEE 802.3, 10Base-T, 100Base-TX, 1000Base-T std. Hot-plug support
PoE OUT Cable	4-pair Cat. 5, 5e, or 6 Distance mid-span up to 100 meters
PoE OUT Voltage	DC IN voltage range (+44 ~ +57V) RJ-45 pin 4/5 (positive) and pin 7/8 (negative)
PoE OUT Power	600mA max. per port (34W@+57V, 30W@+50V)

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Ordering Information:

KPOE-800HP-BRACKET1
19" rack mounting bracket kit for
1 unit mounting

KPOE-800HP-BRACKET2
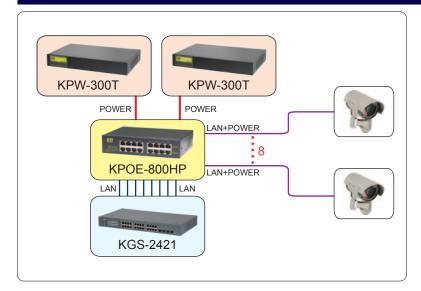19" rack mounting bracket kit for
2 units mounting

KPW-300T
1U Rack Mountable 300W
Switching Power Supply for
PoE/PoE+ applications
(300W @50°C, 225W @60°C,
150W @64°C)

PoE Protection	Power shut down protection for events: Incompliant PD detection, Disconnection, Overload, Over-current Short-circuit
DC IN A, DC IN B	Input A & Input B redundant support Connectors: Industrial terminal blocks (3P x 2, A & B) Working voltage range: +44 ~ +57V
Power Consumption	276W max. @57VDC
Power Dissipation	2W max.
LED Indicators	Power status, Power fault status x 2 (A & B) Port PoE Status x 8
Dimension	190 x 140 x 43 mm (WxDxH)
Housing	Enclosed metal with no fan
Mounting Support	19" rack mountable
Temperature	Operating Temperature: -40°C ~ 70°C Storage Temperature: -40°C ~ 85°C Relative Humidity: 5% ~ 95% non-condensing
Approval	FCC Class A, CE mark Class A

Applications:

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