KPOE-800

Modular 8-Port Midspan Power over Ethernet Injector

Product Highlights:

- 8 connections support
- Full power per port
- Gigabit Ethernet support
- Modular power upgradeable
- 19" rack mountable

KPOE-800-1P

KPOE-800-2P

1 unit in a rack

2 units in a rack

The KTI Injector is a midspan power injector designed and tested for use with all IEEE802.3af compatible PoE PDs. The PoE injector sits between a switch port and the PoE powered device, providing inline power capability to an unpowered switch port.

The injector provides modular power design. For high power applications, the injector can be installed with 2 power modules to support full PoE power up to 120W for eight powered devices. For low power applications, the injector can work with only one power module and support PoE power up to 60W for eight connections. This flexible modular design provides cost-offective solutions for different requirements.

KTI's PoE injector offers the following significant benefits:

- **Low purchase cost** - Installing a KTI's injector costs less than upgrading to new PoE switches, since PoE injectors can easily connect with existing Ethernet switches.
- **Low installation cost** - The injector is a plug & play product making the installation much easier than a PoE switch. There is no need any software configuration.
- **Protecting existing and future investment** - KTI's injectors are interoperable with all Ethernet switches and most terminals. PoE injectors can be used in conjunction with different switch vendors, and end-terminals which comply with the PoE 802.3af standard. It protects your existing network installation and future investment as well.

Key Features:

- Supports 8 Ethernet ports
- Full IEEE 802.3af compliance
- Gigabit Ethernet support
- Transparent to switch functionality
- Standard user safety protection
- Modular PoE power upgradability
- 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 802.3af compliance
Data IN Jack	Shielded RJ-45 IEEE 802.3, 10Base-T, 100Base-TX, 1000Base-T std. Hot-plug support
PoE OUT Jack	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 midspan up to 100 meters

Ordering Informations:

KPOE-800-1P
KPOE-800 PoE injector with one pre-installed 60W power module

KPOE-800-2P
KPOE-800 PoE injector with two pre-installed 60W power modules

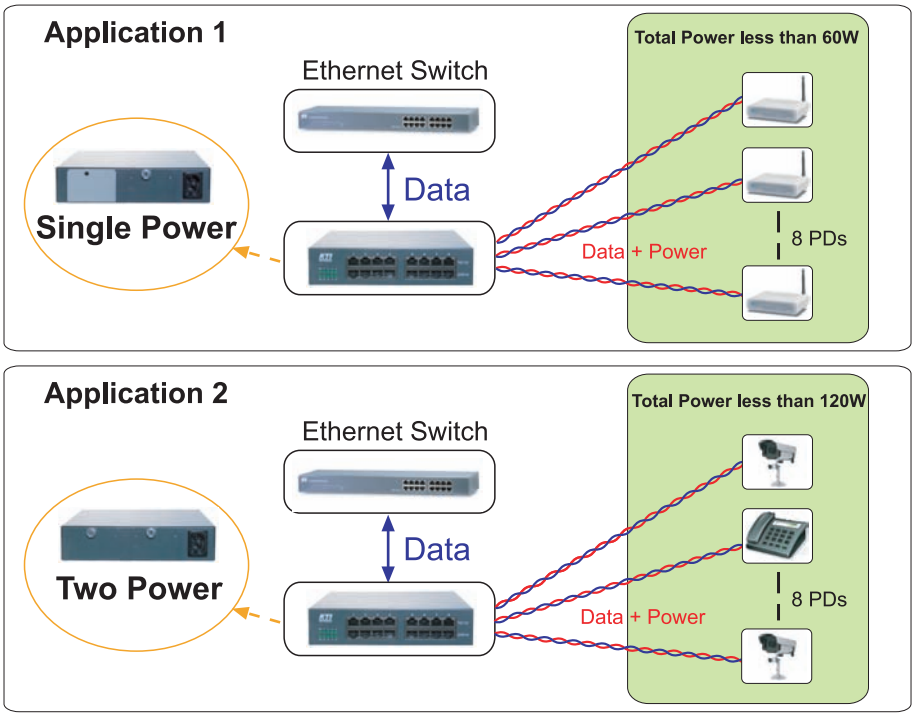
KPOE-800P60W
Optional PoE 60W power module

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

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

PoE OUT Voltage	48VDC on jack pin 4/5 (positive) and jack pin 7/8 (negative)
PoE OUT Power	Total 60 Watts for 8 connections with one power module Total 120 Watts for 8 connections with two power modules
PoE OUT Protection	power shut down protection for events: Incompliant PD detection, Disconnection, Overload, Over-current Short-circuit, Under voltage
Power Module Slots	2
LED Indicators	Power module status x 2 , Port PoE status x 8
Power Input	Voltage: 100 ~ 240VAC, Frequency: 50/60Hz Power: KPOE-800-1P 68W max. (60W for remote PoE PDs) KPOE-800-2P 136W max. (120W for remote PoE PDs) Power dissipation: KPOE-800-1P 3W max. KPOE-800-2P 6W max.
Dimension	190 x 238 x 43 mm (WxDxH)
Housing	Enclosed metal with no fan
Mounting Support	19" rack mountable
Temperature	Operating Temperature: 0°C ~ 40°C Storage Temperature: -20°C ~ 85°C Relative Humidity: 5% ~ 95% non-condensing
Approval	FCC Class A, CE mark Class A, LVD, IEC60950-1 safety

Applications:



FCC Part 15, Class A
CISPR 22 Class A

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