

KPOE-100

Mid-span 802.3af PoE Injector



Function

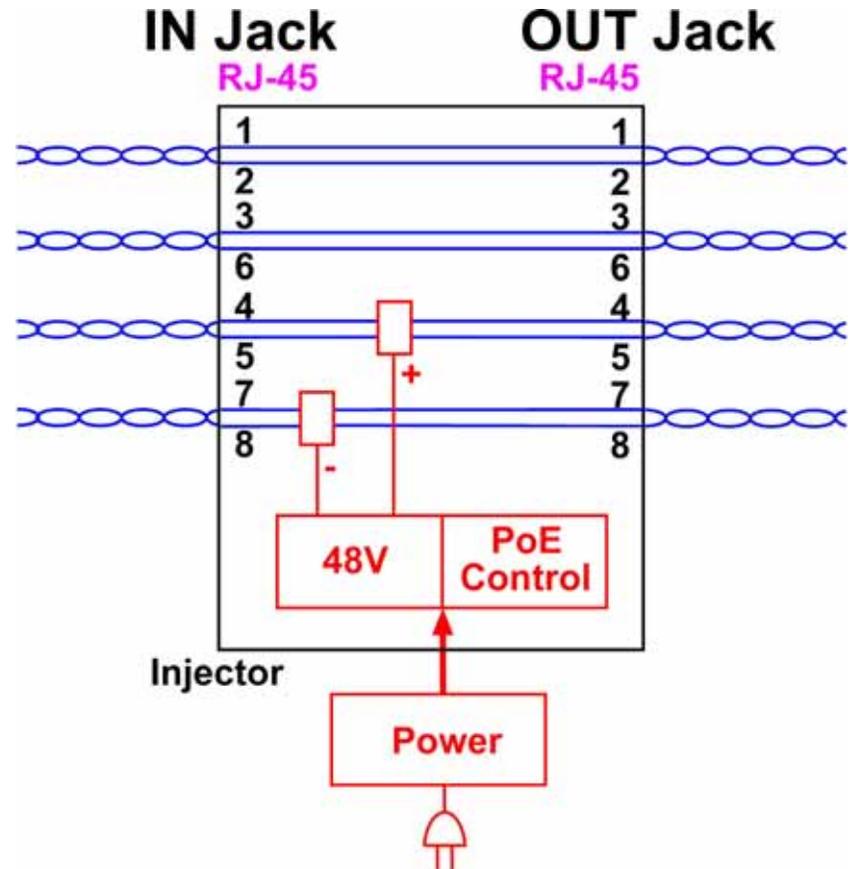


Ethernet RJ-45 (IN Jack)

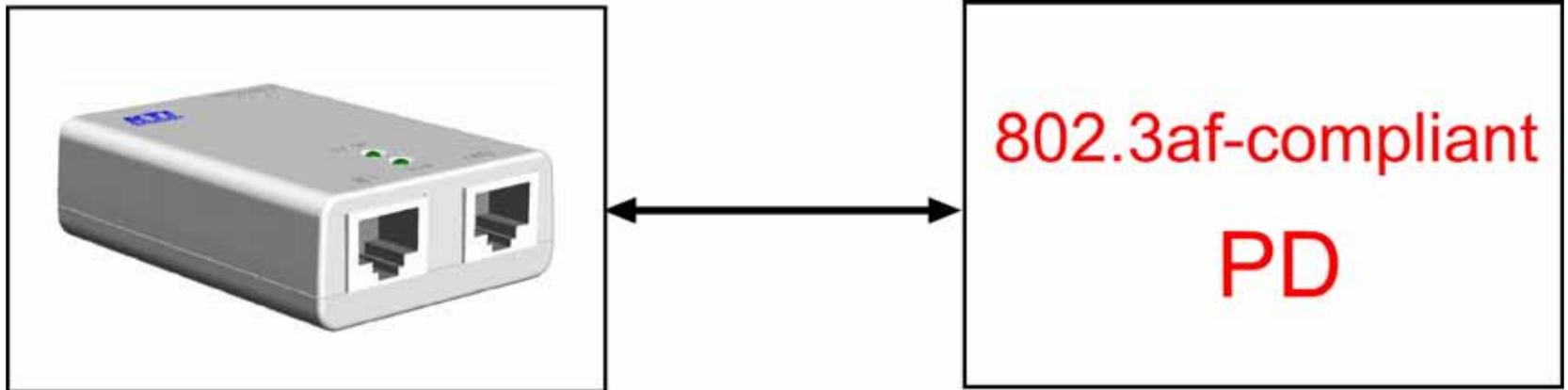
- 10/100/1000 Mbps support

PoE PSE RJ-45 (OUT Jack)

- 10/100/1000 Mbps support
- PSE pins: 4,5,7,8
- Mid-span distance up to 100 meters

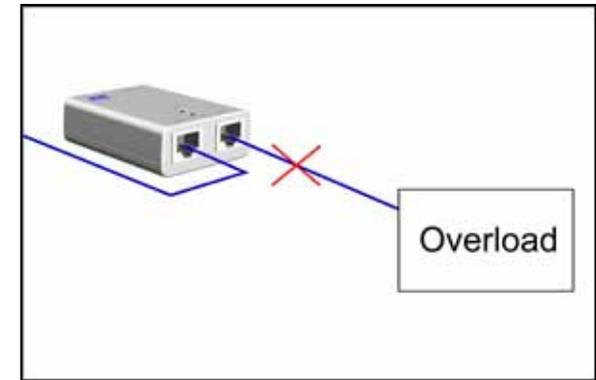
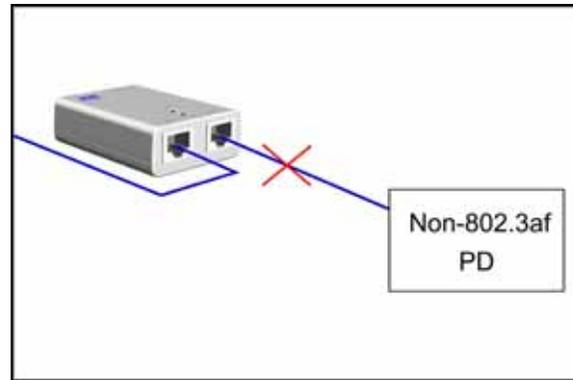
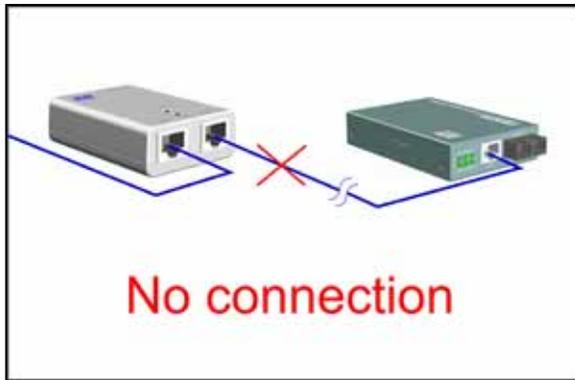


Benefit 1: IEEE 802.3af std.



Inter-operability guaranteed

Benefit 2: Safety Protection

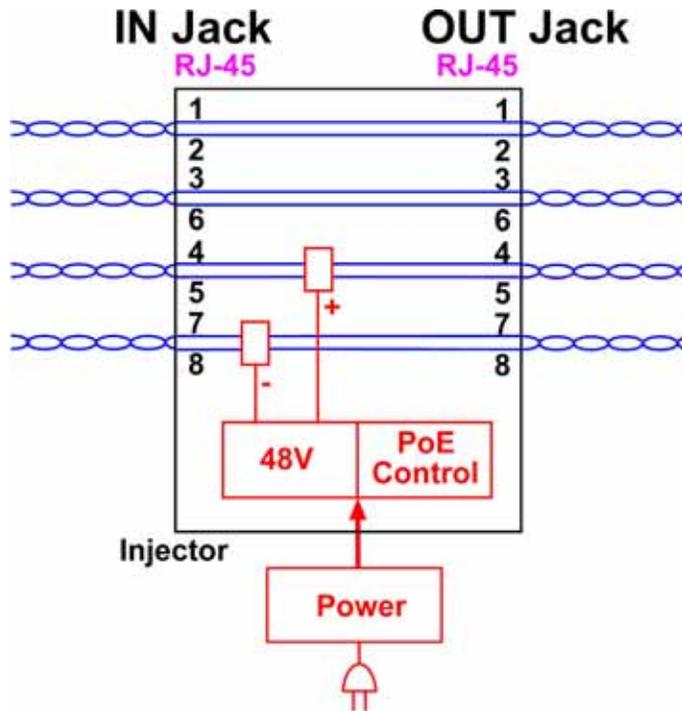


Auto power shutdown

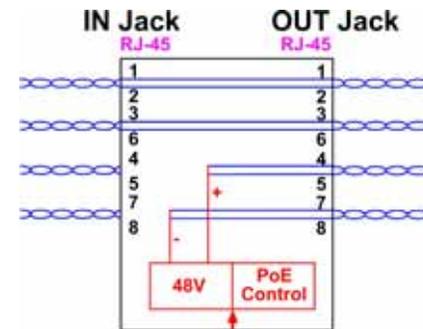
- No connection
- Non-802.3af PD detected
- Overload
- Over-current
- Short circuit

Advantage 1: GbE-enabled

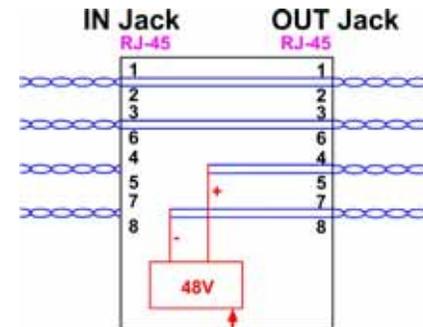
KTI's Implementation (GbE-enabled)



GbE-disabled

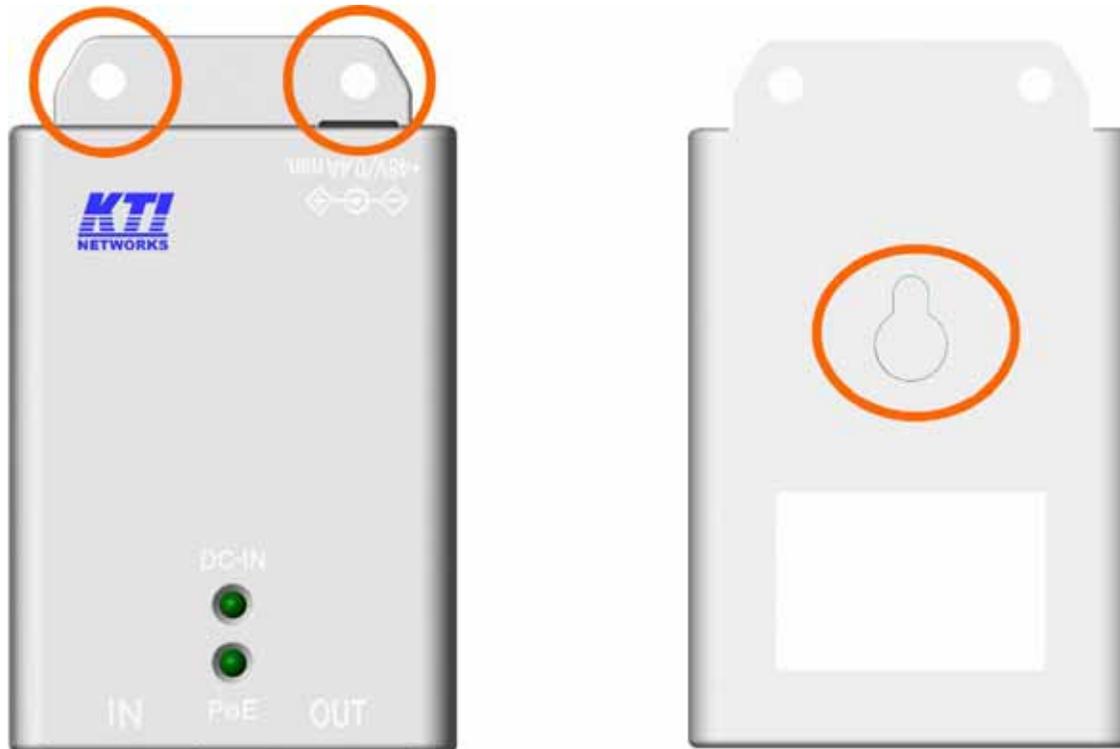


Common Implementation

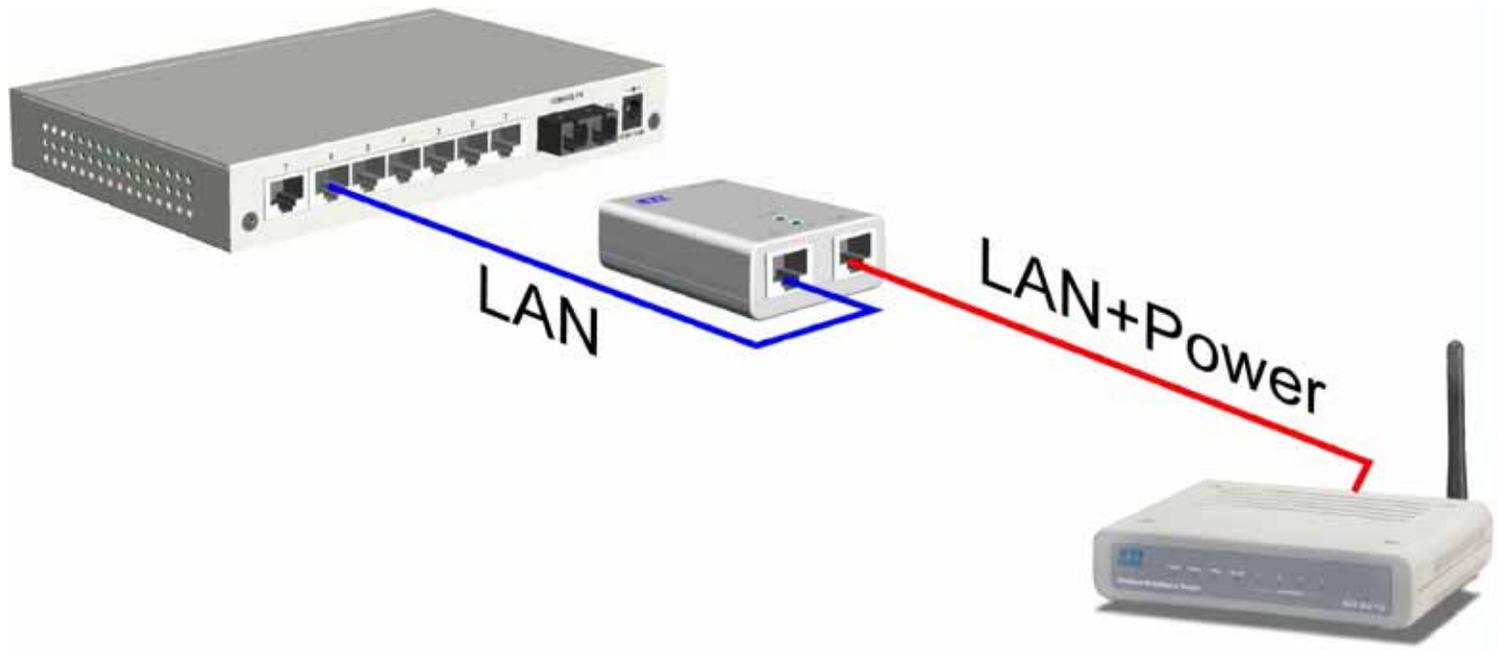


Non-802.3af Implementation

Advantage 2: Easy Mounting

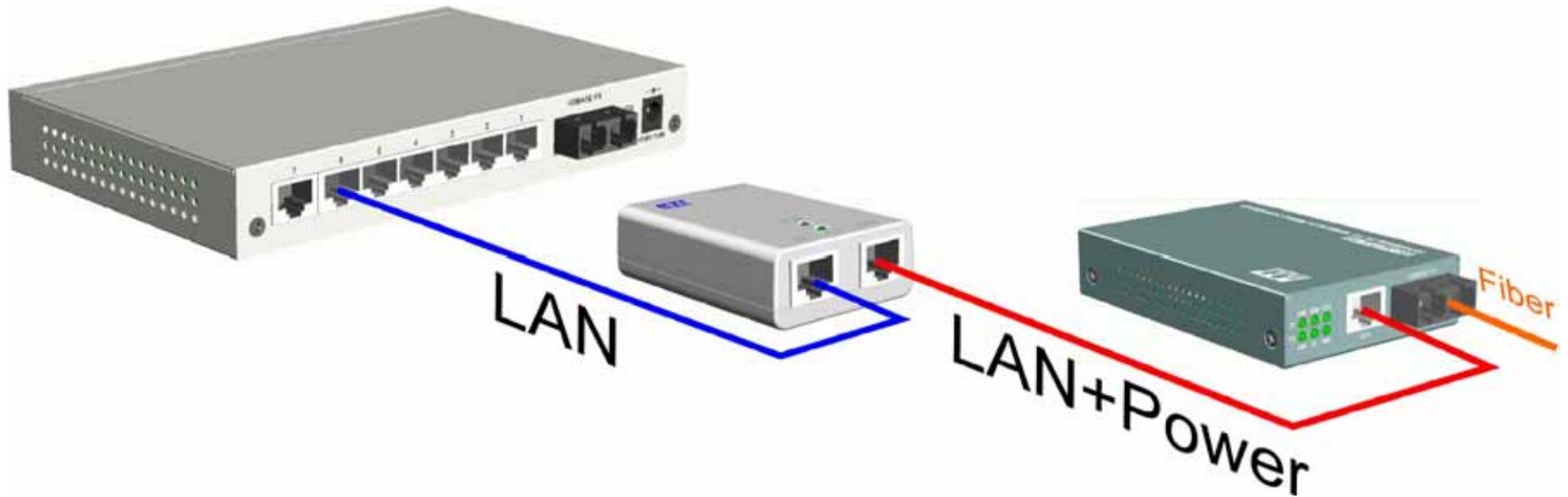


Application 1: PoE Wireless AP



Supporting PoE wireless Access Point (802.3af PD)

Application 2: PoE Media Converter



Supporting PoE media converters (802.3af PD)

- Ex. KC-350 - KTI 802.3af 100M media converter
- KC-351 - KTI 802.3af 100M media converter
- KGC-352 - KTI 802.3af 1000M media converter