



KPOE-100BT



IEEE 802.3bt Power over Ethernet Mid-span Injector

Compatible PD support:

PD Class	802.3af	802.3at	802.3bt	Max. (W)
0	•	•	•	15.4
1	•	•	•	4
2	•	•	•	7
3	•	•	•	15.4
4		•	•	30
5			•	45
6			•	60
7			•	75
8			•	90

Key Features:

- IEEE 802.3bt Compliant
- Supports Fast Ethernet and Gigabit Ethernet
- Backward compatible with 802.3af and 802.3at-compliant PDs
- Delivers power output up to 90W
- Type 1 ~ Type 4 compliant PD discovery & classification
- Plug and play with no configuration required

Specifications:

IN JACK	Shielded RJ-45 Ethernet, Fast Ethernet and GbE support Cat.5, 5e, 6 support
OUT JACK	Shielded RJ-45 Ethernet, Fast Ethernet and GbE support 4-pair Cat.5, 5e, 6 support Distance mid-span up to 100meters
PoE PSE	IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt standard PSE pin 1/2/4/5 - Positive DC, Pin 3/6/7/8 - Negative DC Power delivery 90W max. at port output Power output voltage: 56 VDC
Protection	Incompliant PD detection, Disconnection, Over-current, Short-circuit, Under voltage
LED Indicators	Power status, PD mode detection
AC Power Input	IEC320 receptacle, Operating voltage range: +100 ~ 240VAC
Housing	Enclosed metal
Dimension	76.5 x 159 x 39 mm (WxDxH)
Environment	Operating Temperature: 0°C ~ 40°C Storage Temperature: -20°C ~ 70°C Relative Humidity: 20% ~ 95% non-condensing
Approval	FCC Class A, CE mark Class A, LVD



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