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## POE 10/100/1000M Media Converter

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**Model:** HM-T1000BP25

**Product:** 10/100/1000M media converter with POE

PoE Media Converters transparently connect copper to fiber while providing Power over Ethernet ( PoE ) to standards-based PoE and PoE+ compliant devices such as IP cameras, VoIP phones and wireless access points.

This device is 10/100/1000BaseT/TX to 1000BaseFX

Power over Ethernet (PoE) devices that serve as Power Sourcing Equipment (PSE), which allows the converter to provide power to IEEE802.3af /at PoE standard-compliant Powered Devices (PDs) using the twisted pair connection. Power transmitted along with data in one single cable (RJ45) allows you to expand your network where there are no power lines or outlets, where you wish to fix devices such as Wifi -Aps, IP Cameras or IP Phones, etc.

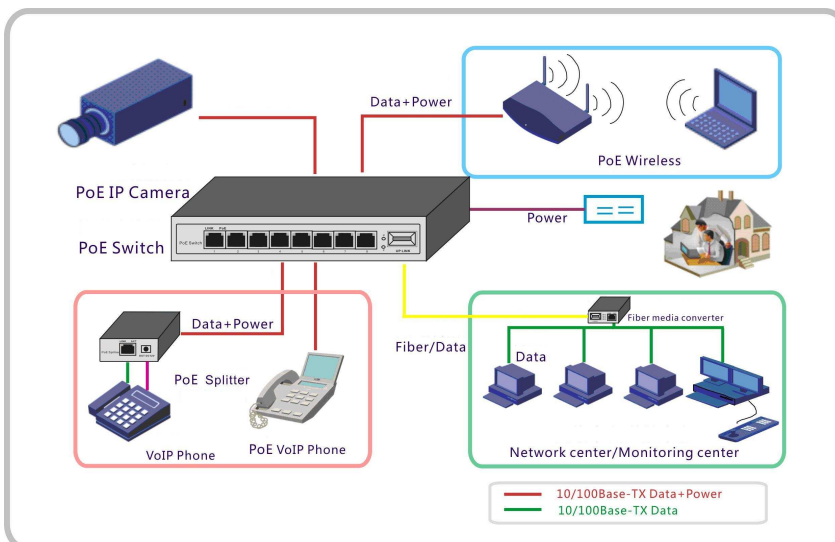
### Features

- 10/100/1000Base-TX to 1000Base-X Fiber
- Fiber to copper Ethernet converter and PoE injector all in one device
- Extend network distances up to 120km
- Supply PSE power to PoE and PoE+ compliant devices
- IEEE 802.3af and IEEE802.3at compliant
- Provide 15.4 to 30 Watts of PoE power
- IEEE802.3af with max. Power 15.4 W, IEEE802.3at with max. Power 30W
- Support Wall-mounted Installation

## Specifications

Parameter	Specifications
Standard	IEEE802.3i 10Base-T;
	IEEE802.3u 100Base-TX;
	IEEE 802.3ab 1000BASE-T
	IEEE 802.3z 1000BASE-SX
	IEEE802.3x Flow Control;
	IEEE802.3af/at Power over Ethernet
Fiber Type	Multi-mode (MM): 50/125 $\mu$ m, 62.5/125 $\mu$ m
	Single mode (SM): 9/125 $\mu$ m
Distance	Multi-mode: 220m (62.5/125 $\mu$ m)/550m (50/125 $\mu$ m)
	Single mode: 20/40/60/80/120 Km
	Single fiber single mode: 20/40/60/80/100 km
	Category-5 twisted pairs: 100m
Date Rate	10/100/1000Mbps
Connector	RJ45, SC
Wavelength	1310nm, 1550nm
Diagnostic LED	Power, Link/Activity
Power	DC48V, 1.25A
Power Consumption	<3W
Temperature	0~50°C (Operating); -20~70°C (Storage)
Humidity	5% ~ 90% non-condensing
Dimension	88x49x21mm

## Typical Application



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Ordering Information

Model	Description
HM-T1000BP15	1xRJ45, 1xoptical, 10/100/1000Mbps, IEEE802.3af, POE power: 15.4W
HM-T1000BP25	1xRJ45, 1xoptical, 10/100/1000Mbps, IEEE802.3at, POE+ power: 25.5W