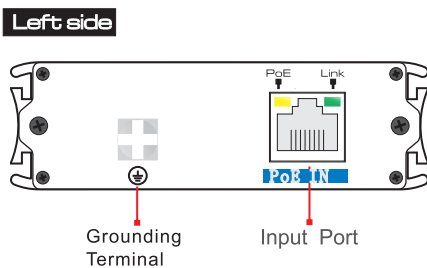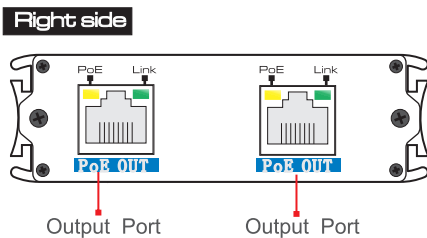# Ethernet Repeater

- PoE power supply
- 300m transmission distance
- Support MIT-B1 rack

This is a PoE repeater, which uses advanced network cable driving and power supply technology to extend 100M Ethernet signal to 300 meters, greatly extending the transmission distance and providing PoE at the same time. It is widely used in security surveillance and network project.

PoE Repeater
UTP7201ER-POE

Feature

- Provide 3x 10/100Mbps Ethernet ports, 1 PoE input port, 2 PoE output ports, which can meet the requirements of local monitor, long distance transmission and PoE power supply;
- Use advanced net work cable driving technology, the longest distance up to 300m;
- PoE power supply is compatible with End-Span and Mid-Span;
- Meet standards of IEEE802. 3 10BASE-T, IEEE802. 3u 100BASE-TX, IEEE802. 3af/at;
- Excellent circuit isolation protection, effectively improve product's lightning protection, ESD and anti-interference ability;
- Appearance and structure: solid and delicate, easily install on the wall and desktop;
- Operation: plug and play, no setting required.

Specification

Item		Description
Power	Power Supply	PoE Power Supply
	Consumption	< 3W
Ethernet Port	Ethernet Port	PoE IN Port:10/100Mbps, PoE Input Port PoE OUT Port:10/100Mbps, PoE Output Port
	Transmission Distance	150m
	Transmission Medium	Cat5e/6
	PoE Protocol	Support IEEE802.3af, IEEE802.3at Protocol
	PoE Mode	Compatible with End–Span and Mid–Span
Network Switch	Standard	IEEE802.3 10BASE–T, IEEE802.3u 100BASE–TX
	Delay	< 20us
LED Status Indicator	LED	PoE IN Port and PoE OUT Port: RJ45 yellow light indicates PoE status; green light indicates data exchange
Protection	ESD	Leve 3 1a Contact Discharge Level 3 1b Air Discharge Per: IEC61000–4–2
	Communication Lightning	Per: IEC61000–4–5 Level 3
Operation Environment	Working Temperature	–40℃~75℃
	Storage Temperature	–40℃~85℃
	Humidity (Non–Condensing)	0~95%

Board Diagram

Right side

Output Port   Output Port

Left side

Grounding Terminal   Input Port

Application