1-Port 802.3at PoE+ to 2-Port 802.3af/at Gigabit PoE Extender
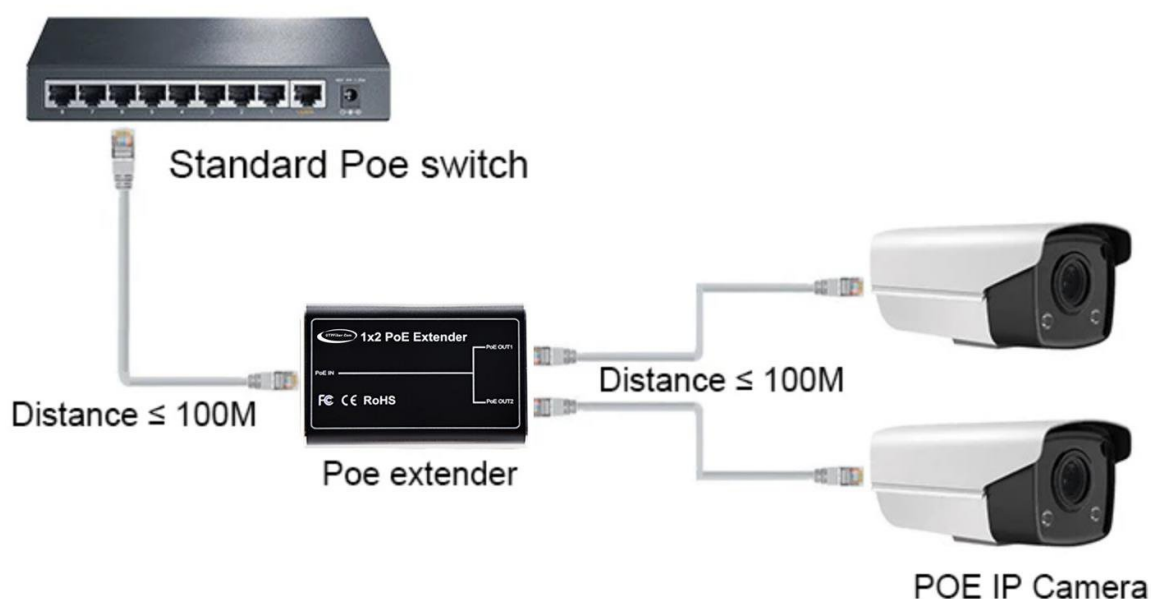
Features

- ► Data Speed:10/100/1000Mbps
- ► PoE input:1 RJ45 port(DC 48-57V)
- ► PoE output:2 RJ45 port
- ► Comply with IEEE 802.3af/at Power over Ethernet
- ► Delivers up to 30W to two connected PoE devices with up to 30W per port
- ► Doubles the maximum connection distance between PoE source and device from 100 m (328 ft.) to 200 m (656 ft.)
- ► Connects and powers two PoE devices such as network cameras, wireless access points or VoIP phones, from one PoE injector or PoE switch PSE port
- ► Plug and play, no configuration, easy to use and maintenance

Overview

The UTP 2-Port Gigabit PoE Extender adds up to 100 m (328 ft.) to the connection distance from a PoE source to two output devices via Cat5e or Cat6 cable. 1-2 ports support IEEE 802.3af/at standard POE power supply, and the POE power of a single port is up to 30 Watt. The POE extender does not need to be connected to an additional power supply. Its power supply is placed at the end of a 100 m network cable from a POE switch. It can extend the network and POE power supply for another 100m at full rate. As a POE power supply device, it can automatically detect and identify the compliant power receiving devices and supply power to them through network cables. POE terminals such as wireless AP, webcams, Internet telephones, and visual access control intercom can be powered by network cables, which can meet the requirements for high-density POE power supply in the network environment and can be used for twist-pair POE transmission applications within 200 meters without loss of bandwidth. Suitable for hotels, campuses, parks, scenic spots, factory dormitories and SMB small and medium-sized enterprises to establish an economical and efficient network.

Application

Standard Poe switch

Distance ≤ 100M

1x2 PoE Extender

FC CE RoHS

Poe extender

Distance ≤ 100M

POE IP Camera

Specifications

Ethernet Port	
PoE Input Port	1*10/100/1000Base-T RJ45, IEEE 802.3af/at PoE Input Input Power 48~57V DC, Max 33W
PoE Output Port	2*10/100/1000Base-T RJ45, IEEE 802.3af PoE Output
	Output Power: Max 30W in total
Cascade connection	Support 4 grade
Power over Ethernet	
PoE Standard	IEEE 802.3af Power over Ethernet
	IEEE 802.3at Power over Ethernet Plus
PoE Power Supply Type	End-span
PoE Pin Assignment	1/2(+), 3/6(-)
Switch Property	
Standards	IEEE 802.3 Ethernet
	IEEE 802.3u Fast Ethernet
	IEEE 802.3ab Gigabit Ethernet
	IEEE 802.3az Energy-Efficient Ethernet
	IEEE 802.3x Flow Control
Forwarding Modes	Store and forward
Transmission Distance	120m
MAC Table	2K
Switching Capacity	6Gbps
Packet Buffer Memory	2Mbits
Flow Control	IEEE 802.3x pause frame for full duplex, Back pressure for half duplex

Environment	
Operating Temperature	-20~+60 degrees C
Storage Temperature	-30~+70 degrees C
Operating Humidity	10~90% (non-condensing)
Physical Parameter	
Dimensions (LxWxH)	84x53x22mm
Gross Weight	100g
Net Weight	90g
Material	Aluminum
LED Display	PoE working status, Ethernet
Certifications	
Certifications	FCC Part 15B
	RoHs Directive 2011/65/EU
	Low Voltage Directive 2014/35/EU
	Electromagnetic Compatibility Diective 2004/108/EC

Order Information

Model	Description
UF-PE102G	1-Port 802.3at PoE+ to 2-Port 802.3af/at Gigabit PoE Extender
Mounting Options	► Desktop

Dimension