

Standard 10/100Mbps POE Extender

Model: HX-POE201

Product Description:

The POE extension device provides two 100Mbps power supply ports and one 100Mbps up-link power supply port. 1-2 ports support IEEE 802.3af/at standard POE power supply, and the POE power of a single port is up to 30Watt. 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.

Product Features:

1、100Mbps fast Ethernet

- ◇ Provide 3*10/100Base-TX RJ45 port, the uplink port is a power port to facilitate flexible networking and meet the networking power supply and transmission requirements within 200 meters;
- ◇ All ports support non-blocking wire speed forwarding for smoother transmission;
- ◇ Support IEEE802.3x full duplex flow control and Back-pressure half duplex flow control.

2、Intelligent POE power supply function

- ◇ 2*10/100BASE-XT RJ45 ports support POE power supply, meeting the POE power supply requirements in various scenarios in the security field;
- ◇ Complies with IEEE 802.3af /at POE power supply standard, automatically identifies POE devices to supply power without damaging non-POE devices. The maximum POE output power of a single port is 30Watt.

3. Simple Operation

- ◇ Plug and play, no configuration, easy to use and maintenance;
- ◇ POE repeater can extend the network signal transmission distance and the POE power supply distance;

◇ When the extender works, no external power supply is needed, which can easily transfer the full bandwidth and power network cable within 200 meters.

Product Parameters:

● Model	● HX-POE201
● Product interface	● 2 ↑ 10/100Base-TX POE port (Data/Power) ● 1 ↑ 10/100Base-TX upstream PD port (Data/Power)
● Transmission distance	● 10BASE-T: Cat3,4,5 UTP(≤100meter) ● 100BASE-TX: Cat5 or later UTP(≤100meter)
● Network protocol	● IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; ● IEEE802.3u 100Base-TX; ● IEEE802.3x
● Forwarding mode	● Storage and forwarding (full line speed)
● POE Power Supply	● Support IEEE802.3af/at
● Power Supply Type	● Default 1/2(+), 3/6(-)
● Maximum POE power	● 30Watt
● The machine power	● < 2Watt
● Input voltage and	● POE(IEEE802.3af/at), RJ45 port
● Working temperature	● -20°C ~ 60°C
● Product size	● 84*53*22mm(L*W*H)
● Product weight	● 95g

Cable Diagram:

