


ES1005D-PoE 100M Unmanaged Switch

Product Overview

ES1005D-POE is a 100M Ethernet PoE switch, which provides five 10/100Mbps RJ45 ports to support wire-speed forwarding at all ports, in which 4 ports have PoE function, support IEEE802.3at and IEEE802.3af standard. As an Ethernet power supply device, it can automatically detect and identify the PoE device conforming to IEEE 802.3at and IEEE 802.3af standards, and supply power for it through the cable. The working modes may be switched over by using the toggle switch on front panel; if the Extend (network extension) mode is enabled, the speed at the ports 2-5 will be 10Mbps, and the maximum distance of data transmission and power supply may reach 250m. ES1005D-PoE is easy to use, no configuration, plug and play, flexible extension of video monitoring or wireless AP without power line layout restrictions. It is the ideal choice for small and medium Ethernet.

Appearance	Description
 <p>ES1005D-PoE</p>	<ul style="list-style-type: none">● 5 x 10/100BaseT● External DC (53.5V) Power Supply● PoE supply up to 60W● Forwarding rate: 0.744Mpps● Switching capacity: 1Gbps

Key Features and highlights

- Accord with IEEE 802.3i, IEEE 802.3u, IEEE802.3x, and IEEE802.3az standards.
- Single port supports PoE output 30W(IEEE802.3at), all ports PoE max output 60W
- Flow Control according to IEEE 802.3x standards (full-duplex) and backpressure standard (half-duplex).
- Store-and-Forward architecture
- Five 10/100Mbps auto-negotiation RJ45 ports, support auto MDI/MDIX
- PoE ports 2-5 support Extend mode (10Mbps, 250m distance)
- Support 1K MAC addresses auto-learning and auto-aging
- 6KV lightning protection on UTP ports (reserved design)
- External power supply, exquisite structure design, suitable for desktop installation and use
- Simple and easy to understand LED indicator port link, data transfer status

Specification

Item	ES1005D-PoE
Physical port	5 x 10/100BaseT
Mode	Default mode: 100Mbps at ports 1-5 (all ports can intercommunicate) Extend mode: 100Mbps at port 1, 10Mbps at PoE ports 2-5, maximum transmission distance 250m (all ports can intercommunicate)
Switching Capacity	1Gbps
Forwarding Rate	0.744Mpps
MAC Address	1K
Dimension (L x W x H)	89.3*81.7*21.3mm
Relative Humidity	Working 10%~90% non-condensing Storage 5%~90% non-condensing
Temperature	Working 0°C~45°C Storage -40°C~70°C
Power Supply	DC 53.5V, 1.2A external power supply
Power supply line sequence	4/5(+) 7/8(-)
Power Consumption	<66.5W(PoE full load)
Maximum PoE power	60W
LED indicator	10/100Mbps : Link/Act Orange
Features	IEEE 802.3i, IEEE 802.3u, IEEE802.3x , IEEE802.3az, IEEE802.3at, IEEE802.3af Store-and-Forward Flow Control: backpressure, IEEE802.3x

Order Information

Product	Description
ES1005D-PoE	Unmanaged POE switch, 5*10/100Mbps copper ports (4*POE and 1*non-POE), 65W POE power, external power supply