

ES1005D-POE 100M PoE Access Switch

Unmanaged Access Switch



Model: ES1005D-POE

Profile

ES1005D-POE is a 100M Ethernet PoE switch, which provides five 10/100Mbps RJ45 adaptive ports to support wire-speed forwarding at all ports, in which 4 ports have PoE function, support IEEE802.3at standard with downward compatibility with IEEE802.3af; it may be used as Ethernet power supply equipment that automatically detects and identifies power receiving equipment which meets IEEE 802.3at and IEEE802.3af standards and supplies power through cables. 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.

Characteristics

- Meeting IEEE 802.3i, IEEE 802.3u, IEEE802.3x and IEEE802.3az standards;
- Supporting IEEE802.3at standard, compatible with IEEE802.3af standard;
- Flow control mode: full duplex (IEEE 802.3x standard), half-duplex (Backpressure standard);
- Adopting storage – forwarding mode
- Supporting common (default)/network extension (Extend) working modes
- Built-in lightning protection circuit (reserved design)
- Backplane bandwidth 1Gbps
- For PoE ports, single-port power dissipation up to 30W; total power dissipation output up to 60W

Specifications

Item		Specifications
Standard and protocol		IEEE802.3i, IEEE802.3u, IEEE802.3x, IEEE802.3az, IEEE802.3at, IEEE802.3af
Port		Five 10/100Mbps adaptive RJ45 ports (Auto MDI/MDIX)
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)
Network media		10BASE-T: cat5e UTP and above (max. 250m) 100BASE-TX: cat5 UTP, cat5e UTP and above (max. 100m)
Transmission mode		Storage-forwarding
MAC address capacity		1K
Switching capacity		1Gbps
Packet forwarding rate		0.744Mpps
PoE port (RJ45)		4 PoE ports which meet IEEE802.3at/af standard
Power supply pin		4/5(+),7/8(-)
PoE output power		Max. 60W
Indicator lamp	Per unit	Power
	Per port	Link/Act, PoE
Power supply		DC 53.5V,1.2A external power supply
Power dissipation		Max. (PoE full load): 66.5W(220V/50Hz)
Overall dimensions (L×W×H)		89.3*81.7*21.3mm
Service environment		Working temperature: 0°C ~ 45°C Storage temperature: -40°C ~ 70°C Working humidity: 10% ~ 90% RH non-condensing

	Storage humidity: 5% ~ 90% RH non-condensing
--	--

Order Information

Model	Description
ES1005D-POE	Five 100M ports, four PoE ports, 65W, external power supply