

MAG6244E

1000M 24 Ports POE Switch



Description

The 1000M 24-port PoE switch features 24 10/100/1000M Ethernet ports, 4 Gigabit 10/100/1000M uplink ports, and 4 Gigabit SFP optical combo slots. Ports 1–24 are PSE power supply ports compliant with IEEE 802.3af and IEEE 802.3at power standards (PoE+), with a maximum single-port output power of 30W and a total system power of 460W. With its robust big data processing capabilities, professional design, flexibility, durability, and stability, this 1000M 24-port PoE switch adapts to various networking scenarios. Its combination of Gigabit Ethernet and optical ports meets the growing demands of big data applications, making it highly favored by engineering professionals. It has become the ideal choice for small-to-medium projects and as an edge device in large-scale deployments.

Features

- Adopts a high-efficiency switching chip with large buffer capacity to ensure high-speed data processing and low-latency transmission.
- Supports high backplane bandwidth, wire-speed forwarding, and up to 95% throughput for smooth high-volume data transmission.
- Supports IEEE 802.3af/802.3at PoE standards for flexible deployment and wide compatibility with various PoE terminals.
- Compatible with network cameras, wireless APs, IP phones, and other standard PoE devices from different brands.
- Features intelligent PoE detection to automatically identify powered devices and prevent damage to non-PoE terminals.
- Supports IEEE 802.3x flow control to ensure stable and reliable network transmission under high-traffic conditions.

- Allows PoE ports to connect directly to switches, PCs, non-PoE cameras, and other network devices without risk of damage.

Specifications

Model	MAG6244E
Downstream Port	24 ↑ 10/100/1000Base-TX Ethernet port
Upstream Port	4 ↑ 10/100/1000M RJ45, 4 ↑ 1.25G SFP+ optical port slot Combo
PoE Port	24 PoE+ power supply ports (ports 1-24), transmission distance 100 meters
PoE Standard	Supports IEEE 802.3at power supply standard; Compatible with IEEE 802.3af power supply standard
Switching Capacity	66Gbps
Forwarding Rate	42Mpps
MAC Address	Supports a 16K MAC address table Supports automatic learning and aging of MAC address tables
Protocol Standard	IEEE 802.3i 10Base-TX; IEEE 802.3u 100Base-TX; IEEE 802.3ab/z 1000Base-TX; IEEE 802.3x Flow Control; IEEE 802.3af DTE Power via MDI; IEEE 802.3at DTE Power via MDI; ANSI/IEEE802.3N-Wa; IEC61000-4-2(ESD)15KV(air), 8KV(contanc)
Lightning Protection Characteristics	Meet the requirement of IEC61000-4-2(ESD) ±15KV(air), ±8KV(contanc) and can withstand the energy of 8/20us 24A (12A)
PoE Total Power	460W
Environmental Requirements	Long-term operating temperature: -10~55℃ Long-term operating relative humidity: 10%~90% (no condensation)
AC Power Supply	Rated voltage range: 100~240V AC; 50/60Hz Maximum voltage range: 90~264V AC; 50/60Hz
External Dimensions	440*290*44.5mm(W*D*H)
Packaging Dimensions	535*336*80mm
Net Weight	4.12kg
Gross Weight	4.32kg