

D7602E

Intelligent Gigabit PoE Network Switch



Description

The 24+2G Gigabit PoE Switch provides 24 10/100Base-TX Ethernet ports, 2 10/100/1000Base-T Ethernet ports, and 2 multiplexed 1000Base-X Gigabit SFP ports. Ports 1–24 support IEEE 802.3af PoE (15.4W) standard power supply, with a total power budget of 250W and a maximum PoE output of 220W. Using standard Category 5 twisted-pair cables, it can simultaneously transmit power and data to APs, IP cameras, and IP phones. It supports star topology networking via Ethernet cables, enabling connection between the intelligent paperless conference server and all conference terminals as well as other networked devices in the conference room. The backplane bandwidth reaches up to 56Gbps with a non-blocking design, supporting full line-speed forwarding. The Gigabit SFP ports support long-distance transmission up to 80 km and can be directly connected to metropolitan area backbone networks. Powerful PoE functionality is supported.

Features

- Fixed Ports: 24×10/100/1000BASE Ethernet ports (PoE) and 2×10/100/1000BASE-T Ethernet ports
- Ethernet Ports: 2×1000BASE-X SFP ports
- Port Attributes: Supports 1000Mbit/s transmission rate in full-duplex mode, 24 ports support PoE functionality
- Indicators: Per port: Link/Act, Speed
- Forwarding Capacity: 35.71Mpps
- Switching Mode: Store-and-forward mode
- MAC (Media Access Control) Address: 8K
- Enclosure Material: Anodized Metal SGCC
- Input Voltage: 100~240V AC 50/60HZ
- Product Dimensions (Width x Depth x Height): 440×395×44mm
- Product Net Weight: 3.5kg, Gross Weight: 4.0kg
- Installation Method: Rack mounting.

Specifications

Model	D7602E
Ports	24 × 10/100/1000BASE-T PoE ports; 2 × 10/100/1000BASE-T ports; 2 × 1000BASE-X SFP ports
PoE Standard	IEEE 802.3af (15.4W Per Port)
PoE Power Budget	250W Total, 220W Max Output
Switching Capacity	35.71Mpps
Backplane Bandwidth	Up to 56Gbps
MAC Address	8K
Switching Mode	Store-and-forward, full line-speed forwarding
Input Voltage	100-240V AC, 50/60Hz
Dimensions	440 × 395 × 44 mm
Net Weight	3.5kg

Front / Rear Panel



RJ-45 Port	24×10/ 100/ 1000Mbps; Support PoE
SFP Port	2×1000 Mbps Independent Optical Port
LED Indicator Light:	Power, Link/Act, Speed,
Lightning Protection	The Network Interface Supports 4kV Lightning Protection



Switched Power Connector	AC110-240V/ 50-60Hz
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