

QUANT 408 SWITCH SERIES



GIGABIT 16/24-PORT POE SWITCH - UNMANAGED POE FIBER SWITCH



Q-UM-408-16P-2S-2EU



Q-UM-408-24P-2S-2EU

PRODUCT OVERVIEW

The **Quant 408 PoE Switch Series** provides high-performance Gigabit Ethernet switching with intelligent PoE+ power delivery for demanding enterprise, surveillance, and commercial applications. With 16 or 24 PoE+ Gigabit RJ45 downlink ports, 2 SFP fiber uplinks, and 2 additional Gigabit RJ45 uplink ports, this series combines high density PoE access, non-blocking switching capacity, and reliable power for IP cameras, wireless access points, VoIP phones, and IoT devices.

The switches support IEEE 802.3af/at, supplying up to 30 W per port, with 250 W total PoE budget for 16-port and 400 W for 24-port models. Integrated 4 kV surge protection, extended temperature operation, and robust metal housings make them ideal for medium-to-large network deployments.

PRODUCT FEATURE

- **High-Density PoE+ Access**
 - 16 × Gigabit PoE+ or 24 × Gigabit PoE+ RJ45 downlink ports
 - IEEE 802.3af/at compliant, up to 30 W per port
 - 250 W / 400 W total PoE budget (model dependent)
- **Flexible Uplink Options**
 - 2 × 1000 Base - X SFP fiber uplinks + 2 × 10/100/1000 Base - T Uplink RJ45
- **Non-Blocking Architecture**
 - Up to 56 Gbps switching capacity with wire-speed forwarding
- **Plug-and-Play Operation**
 - Unmanaged design with auto-negotiation and auto-MDI/MDIX
- **Rugged and Efficient Design**
 - Galvanized steel housing, built-in power supply, and active cooling for stable operation.

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TECHNICAL SPECIFICATION

Model	Downlink PoE Ports	Uplink Ports	SFP Uplink	Network Protocol	Transmission Distance
Connectivity					
Q-UM-408-16P-2S-2EU	16 × 10/100/1000 Mbps PoE+	2 × 1/100/1000 Base - T Uplink RJ45	2 × 1000 Base - X Uplink SFP	IEEE 802.3af/at	100 m
Q-UM-408-24P-2S-2EU	24 × 10/100/1000 Mbps PoE+	2 × 1/100/1000 Base - T Uplink RJ45	2 × 1000 Base - X Uplink SFP	IEEE 802.3af/at	100 m

- PoE pins: 1/2 (+), 3/6 (-)
- Auto MDI/MDIX and auto-negotiation supported on all RJ45 ports.

Model	Switching Capacity	Forwarding Rate	MAC Address Table	Buffer Memory	Jumbo Frame	Forwarding Mode	Input Voltage
Performance and Efficiency							
Q-UM-408-16P-2S-2EU	56 Gbps	29.76 Mpps	8K	4 Mbit	9.6 KB	Store-and-forward	240W
Q-UM-408-24P-2S-2EU	56 Gbps	41.66 Mpps	8K	4 Mbit	9.6 KB	Store-and-forward	380W

- 4 kV Surge Protection on all ports
- Operating Temperature: -20 °C to +55 °C
- Fan-cooled 1U steel housing
- Rack-mountable and desktop installation
- LED indicators for power, link, activity, and PoE
- CCC, CE, FCC, RoHS certifications.

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TECHNICAL SPECIFICATION



Model	Q-UM-408-16P-2S-2EU	Q-UM-408-24P-2S-2EU
Interface Characteristics		
Max Power Consumption	Standby<15W, Full load<240W	Standby<22W, Full Load<380W
Power Supply	Built-in power supply, AC100~240V 50~60Hz, 4.1A	Built-in power supply, AC100~240V 50~60Hz, 5.0A
Dimensions (L×W×H)	440*290*44.5mm	440*290*44.5mm
Weight	4.5 kg	4.5 kg
Operating Temp	-20~+55°C, 5%~90% RH Non condensing	
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30	
Certifications	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15, Class B, RoHS	
Country of Origin	Vietnam	
Warranty	2 Years	

ORDERING INFORMATION

Model	Description	Input Voltage
Q-UM-408-16P-2S-2EU	16-Port Gigabit PoE+ Unmanaged Switch with 2 × RJ45 + 2 × SFP Uplink Ports	250W
Q-UM-408-24P-2S-2EU	24-Port Gigabit PoE+ Unmanaged Switch with 2 × RJ45 + 2 × SFP Uplink Ports	400W

