

QUANT 408 SWITCH SERIES



Q-UM-408-16P-2G



Q-UM-408-24P-2G

PRODUCT OVERVIEW

The **Quant 408 PoE Switch Series** delivers high-performance Gigabit connectivity and intelligent PoE+ power for modern surveillance networks, enterprise campuses, and commercial applications. With 16 or 24 PoE+ downlink Gigabit ports and 2 SFP Gigabit uplink ports, this series provides non-blocking switching capacity, seamless backbone connectivity, and reliable power for IP cameras, wireless access points, VoIP phones, and IoT devices.

Supporting IEEE 802.3af/at standards, each port provides up to 30 W, with total PoE power of up to 250 W for 16-port and 400 W for 24-port models. Built-in surge protection, efficient thermal design, and plug-and-play deployment make these switches ideal for medium-to-large network infrastructures.

PRODUCT FEATURE

- **High-Density PoE+ Access**
16 × Gigabit PoE+ or 24 × Gigabit PoE+
IEEE 802.3af/at compliant, up to 30 W per port
250 W / 400 W total PoE budget (model dependent)
- **Flexible Uplink Connectivity**
2 × 1000 Base - X SFP fiber uplinks for backbone or NVR aggregation
- **Non-Blocking Architecture**
Up to 52 Gbps switching capacity, wire-speed forwarding
- **Plug-and-Play Operation**
Unmanaged, auto-negotiation, auto-MDI/MDIX, zero configuration
- **Rugged and Efficient Design**
Galvanized steel housing, built-in power supply, efficient fan cooling.

QUANT 408 SWITCH SERIES



TECHNICAL SPECIFICATION

Model	Downlink PoE Ports	SFP Uplink	Network Protocol	Transmission Distance
Connectivity				
Q-UM-408-16P-2G	16 × 10/100/1000 Mbps PoE+	2 × 1000 Base X - Uplink SFP	IEEE 802.3af/at (PoE+)	100 m
Q-UM-408-24P-2G	24 × 10/100/1000 Mbps PoE+	2 × 1000 Base X - Uplink SFP	IEEE 802.3af/at (PoE+)	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-2G	52 Gbps	26.78 Mpps	8K	4 Mbit	9.2 K	Store-and-forward	240W
Q-UM-408-24P-2G	52 Gbps	38.69 Mpps	8K	4 Mbit	9.6 K	Store-and-forward	380W

- 4 kV Surge Protection on all ports
- Operating Temperature: -20 °C to +55 °C
- Fan-cooled 1U Steel Housing for consistent thermal performance
- Rack-Mountable Design for standard 19" cabinets
- LED Indicators for PWR, Link, PoE, and SFP status
- CCC, CE, FCC, RoHS Certified.

QUANT 408 SWITCH SERIES



TECHNICAL SPECIFICATION



Model	Q-UM-408-16P-2G	Q-UM-408-24P-2G
Interface Characteristics		
Max Power Consumption	Standby<15W, Full load<240W	Standby<18W, 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)	440×225×44 mm	440×225×44 mm
Weight	3.5 kg	3.7 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-2G	16-Port Gigabit PoE+ Unmanaged Switch with 2 × SFP Uplink Ports	250W
Q-UM-408-24P-2G	24-Port Gigabit PoE+ Unmanaged Switch with 2 × SFP Uplink Ports	400W

