

QUANT 308 SWITCH SERIES



Q-UM-308-16P-2S



Q-UM-308-24P-2S

PRODUCT OVERVIEW

The **Quant 308 PoE Switch Series** delivers cost-effective, high-performance Gigabit connectivity with robust PoE+ power for modern IP networks. Designed for plug-and-play simplicity and enterprise-grade reliability, these unmanaged switches combine copper and fiber interfaces, long-reach PoE transmission, and automated power recovery features.

They are ideal for IP surveillance, wireless access deployments, VoIP networks, and SMB infrastructure. With support for IEEE 802.3af/at PoE+ standards and fiber uplinks port, they provide a flexible and scalable solution for hotels, campuses, residential buildings, and commercial sites.

PRODUCT FEATURE

- High-Density PoE+ Powering
Up to 16 or 24 PoE+ ports (30 W per port), supporting a wide range of IP devices.
- Flexible Uplink Options
2 × SFP fiber uplink port for backbone connectivity.
- Extended Transmission Range
PoE reaches up to 250 m on selected ports for remote device deployment.
- Smart Watchdog Function
Automatic PoE power cycling on communication failure keeps cameras and APs online.
- Compact and Robust Design
Fan-cooled galvanized steel enclosure ensures stable operation in demanding environments.

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TECHNICAL SPECIFICATION

Model	Downlink PoE Ports	SFP Uplink	Network Protocol	Transmission Distance	Extended PoE
Connectivity					
Q-UM-308-16P-2S	16 × 10/100/1000 Mbps PoE+	2 x 1000 Base-X Uplink SFP	IEEE 802.3af/at (PoE+)	Up to 100 m	Up to 250 m
Q-UM-308-24P-2S	24 × 10/100/1000 Mbps PoE+	2 x 1000 Base-X Uplink SFP	IEEE 802.3af/at (PoE+)	Up to 100 m	Up to 250 m

- PoE Pin Assignment: 1/2 (+), 3/6 (-)
- Standards: IEEE 802.3, 802.3u, 802.3ab, 802.3z, 802.3x

Model	Switching Capacity	Forwarding Rate	MAC Address Table	Buffer Memory	Jumbo Frame	Forwarding Mode	Input Voltage
Performance and Efficiency							
Q-UM-308-16P-2S	52 Gbps	26.78 Mpps	8K	4M	9.2 KB	Store-and-forward	240W
Q-UM-308-24P-2S	52 Gbps	26.78 Mpps	8K	4M	9.2 KB	Store-and-forward	240W

- Both models support non-blocking wire-speed forwarding and auto MDI/MDIX, ensuring seamless integration into mixed copper and fiber topologies.

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TECHNICAL SPECIFICATION



Model	Q-UM-308-16P-2S	Q-UM-308-24P-2S
Interface Characteristics		
Max Power Consumption	Standby<15W, full load<240W	Standby<15W, full load<240W
Power Supply	Built-in power supply, AC100~240V 50~60Hz, 4.1A	
Dimensions (L×W×H)	270 × 181 × 44.5 mm	330 x 204 x 44 mm
Weight	2.0 kg	2.4 kg
Operating Temp	-20~+55°C, 5%~90% RH Non condensing	
Lightning Protection	Port lightning protection: 4KV 8/20us, Protection level: IP30	
Certifications	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15, RoHS	
Country of Origin	Vietnam	
Warranty	2 Years	

ORDERING INFORMATION

Model	Description	Input Voltage
Q-UM-308-16P-2S	16-Port Gigabit PoE+ Switch, + 2 SFP Uplink, 250W, AC 100-240V	240W
Q-UM-308-24P-2S	24-Port Gigabit PoE+ Switch, + 2 SFP Uplink, 250W, AC 100-240V	240W

