

QUANT 208 SWITCH SERIES



Q-UM-208-4P-2EU



Q-UM-208-8P-2EU



Q-UM-208-8P-1S-2EU

PRODUCT OVERVIEW

The **Quant 208 Series** is a compact, cost-effective Fast-Ethernet PoE switch family designed for surveillance, Wi-Fi, VoIP, and access-control deployments. With 4 or 8 PoE+ access ports and dual uplinks (RJ45 and optional SFP on select models), the series delivers plug-and-play installation, robust surge protection, and watchdog-assisted PoE auto-recovery to keep critical devices online. Typical applications include hotels, campuses, retail, factories, and SMEs where simplicity, stability, and PoE budget efficiency matter.

PRODUCT FEATURE

- PoE+ on all access ports — up to 30 W per port (IEEE 802.3af/at), with built-in PSU
- Auto-recovery (watchdog) — restarts a PoE port if the camera/AP stops responding
- Extend & VLAN-isolation mode — optional long-distance 10 M / 250 m transmission on access ports with port isolation for simple segmented networks
- Uplink flexibility — dual RJ45 uplinks; 1× SFP (1000BASE-X) on 8P-1S model for fiber backhaul
- Wire-speed switching with store-and-forward and jumbo-frame support (model-dependent)
- Industrial-grade protection — 4 kV lightning protection, IP30 enclosure
- Wide temperature operation -20 to +55 °C, fanless designs
- Desktop / Wall-mount options; compact metal chassis

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TECHNICAL SPECIFICATION

Model	Downlink PoE Ports	Uplink Ports	SFP Uplink	Network Protocol	Transmission Distance	Extended PoE
Connectivity						
Q-UM-208-4P-2EU	4 × 10/100 Mbps PoE+	2 × 10/100 Mbps RJ45	-	IEEE 802.3af/at	100 m	Up to 250 m
Q-UM-208-8P-2EU	8 × 10/100 Mbps PoE+	2 × 10/100 Mbps RJ45	-	IEEE 802.3af/at	100 m	Up to 250 m
Q-UM-208-8P-1S-2EU	8 × 10/100 Mbps PoE+	2 × 10/100 Mbps RJ45	1 × 1000 Base-X SFP	IEEE 802.3af/at	100 m	Up to 250 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-208-4P-2EU	1.6 Gbps	0.89 Mpps	1K	768 K	1536 byte	Store-and-forward	65 W
Q-UM-208-8P-2EU	2.0 Gbps	1.488 Mpps	2K	1.25 M	1536 byte	Store-and-forward	120 W
Q-UM-208-8P-1S-2EU	12Gbps	5.65 Mpps	2K	2M	9.2 K	Store-and-forward	120 W

- Resiliency and High Availability
- 4 kV Lightning Protection — surge protection on all ports for improved stability.
- Operating Temperature — suitable for indoor environments with -10 °C to +55 °C operating range.
- Fanless Metal Housing — ensures silent, reliable operation and better heat dissipation.
- Compact Size — easy installation in small enclosures or wall-mount setups.
- LED Indicators — for power, PoE, link/activity, and SFP status (model dependent).
- International Certifications — CE, FCC, RoHS compliance.

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TECHNICAL SPECIFICATION



Model	Q-UM-208-4P-2EU	Q-UM-208-4P-2EU	Q-UM-208-8P-1S-2EU
Interface Characteristics			
Max PoE Power per Port	30 W	30 W	30 W
Power Supply	52 V DC		
Dimensions (L×W×H)	142.5x115x40mm	195x130x40mm	200x130x40mm
Weight	0.6 kg	0.8 kg	1.0 kg
Operating Temp	-20 °C to +55 °C		
Lightning Protection	4 kV		
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-208-4P-2EU	4-Port Fast Ethernet PoE+ Unmanaged Switch with 2 × Uplink Ports	65W
Q-UM-208-8P-2EU	8-Port Fast Ethernet PoE+ Unmanaged Switch with 2 × Uplink Ports	120W
Q-UM-208-8P-1S-2EU	8-Port Fast Ethernet PoE+ Unmanaged Switch with 2 × Uplink Ports and 1 × SFP Uplink	120W