

QUANT 208 SWITCH SERIES



Q-UM-208-16PLD-2EU



Q-UM-208-24PLD-2EU

PRODUCT OVERVIEW

The **Quant PoE Switch Series 208** delivers reliable Fast Ethernet access with Gigabit uplinks, intelligent PoE+ power, and rugged build quality for SMB networks, IP surveillance, wireless access, and commercial installations.

With 16 or 24 PoE+ downlink ports and 2 Gigabit RJ45 uplink ports, these unmanaged switches provide IEEE 802.3af/at power, extended transmission up to 250 m, and plug-and-play deployment. They are ideal for powering IP cameras, wireless access points, VoIP phones, and IoT devices, while supporting non-blocking forwarding and surge protection for stable, long-term operation

PRODUCT FEATURE

- High-Density PoE+ Access
- 16 or 24 × 10/100 Mbps PoE+ ports
- Up to 30 W per port, total PoE power budget up to 250 W
- IEEE 802.3af/at compliant
- Flexible Uplink Options
- 2 × 10/100/1000 Mbps RJ45 uplink ports for backbone of network connectivity
- Extended PoE Transmission
- Up to 250 m on selected ports for remote IP devices
- Industrial Protection
- 4 kV surge protection on all ports
- Rugged galvanized steel enclosure
- Plug-and-Play
- Unmanaged design with auto-negotiation and auto-MDI/MDIX
- No configuration required
- Low power consumption and reliable thermal performance with active fan cooling.

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TECHNICAL SPECIFICATION

Model	Downlink PoE Ports	Uplink Ports	SFP Uplink	Network Protocol	Transmission Distance	Extended PoE
Connectivity						
Q-UM-208-16PLD-2EU	16 × 10/100M PoE	2 × 10/100/1000M RJ45	-	IEEE 802.3af/at (PoE+)	100 m	Up to 250 m
Q-UM-208-24PLD-2EU	24 × 10/100M PoE	2 × 10/100/1000M RJ45	-	IEEE 802.3af/at (PoE+)	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-208-16PLD-2EU	14.8 Gbps	5.36 Mpps	16K	4M	10K	Store-and-forward	160W
Q-UM-208-24PLD-2EU	14.8 Gbps	6.55 Mpps	16K	4M	10K	Store-and-forward	250W

- 4 kV Surge Protection on all ports
- Operating Temperature: -20 °C to +55 °C
- Fan-cooled 1U Steel Housing for stable thermal operation
- Rack-mountable or Desktop Installation
- LED Indicators for power, link/activity, PoE
- CCC, CE, FCC, RoHS Certified for global deployments.

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TECHNICAL SPECIFICATION



Model	Q-UM-208-16PLD-2EU	Q-UM-208-24PLD-2EU
Interface Characteristics		
Max PoE Power per Port	<160W	<240 W
Power Supply	AC 100-240 V built-in	
Dimensions (L×W×H)	270×181×44.5 mm	330×204×44 mm
Weight	1.6 kg	2.4 kg
Operating Temp	-20 °C to +55 °C	
Lightning Protection	Port 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-208-16PLD-2EU	10M/250 meters transmission gigabit uplink 18-port PoE switch	160 W
Q-UM-208-24PLD-2EU	10M/250 meters transmission gigabit uplink 26-port PoE switch	250W

