

## QUANT 2800 SWITCH SERIES



### GIGABIT 24-PORT + 4 SFP EASY MANAGED POE SWITCH



Q-M-2800-24P-4S-4EU

#### PRODUCT OVERVIEW

The **Quant 2800 PoE Switch Series** is a high-performance Gigabit easy-managed PoE+ switch designed for large surveillance networks, wireless access deployments, and enterprise applications. Featuring 24 × Gigabit PoE+ RJ45 downlink ports, 4 × Gigabit RJ45 uplink ports, and 4 × Gigabit SFP fiber uplink combo ports, this model provides flexible connectivity, intelligent PoE power management, and non-blocking wire-speed performance.

With support for IEEE 802.3af/at PoE+, each port delivers up to 30 W, with a total power budget of 250 W, making it ideal for powering high-density IP camera deployments, access points, VoIP phones, and IoT devices.

The switch integrates Local platform, cloud platform management, remote monitoring, and PoE control, enabling simple, centralized operation and maintenance. Built-in surge protection, extended temperature tolerance, and fan-cooled steel housing ensure reliable long-term performance.

#### PRODUCT FEATURE

- **High-Density PoE+ Access**
  - 24 × 10/100/1000 Mbps PoE+ RJ45 ports
  - IEEE 802.3af/at compliant, 30 W per port
  - 250 W total PoE budget
- **Flexible Uplink Options**
  - 4 × Gigabit RJ45 + 4 × Gigabit SFP combo uplinks for backbone or aggregation
- **Intelligent Management**
  - Local platform, cloud platform to support for port configuration, VLAN, PoE control, and real-time monitoring
- **Innovative Watchdog & VLAN Features**
  - Auto PoE port restart on failure
  - Physical VLAN isolation and broadcast storm suppression
- **Rugged Design**
  - Fan-cooled galvanized steel housing with 4 kV surge protection

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### TECHNICAL SPECIFICATION

Model	Downlink PoE Ports	Uplink Ports	SFP Uplink	Network Protocol	Transmission Distance
<b>Connectivity</b>					
<b>Q-M-2800-24P-4S-4EU</b>	24 × 10/100/1000 Mbps PoE+	4 × 1 G RJ45	4 × 1 G SFP combo	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
<b>Performance and Efficiency</b>							
<b>Q-M-2800-24P-4S-4EU</b>	56 Gbps	41.66 Mpps	8K	4 Mbit	10 KB	Store-and-forward	250W

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

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### TECHNICAL SPECIFICATION



<b>Model</b>	<b>Q-M-2800-24P-4S-4EU</b>
<b>Interface Characteristics</b>	
<b>Max Power Consumption</b>	Standby<16W, Full Load<250W
<b>Power Supply</b>	Built-in power supply, AC100~240V 50-60Hz, 4.1A
<b>Dimensions (L×W×H)</b>	440 × 270 × 44 mm
<b>Weight</b>	3.7 kg
<b>Operating Temp</b>	-20~+55°C, 5%~90% RH Non condensing
<b>Lightning Protection</b>	Lightning protection: 4KV 8/20us, Protection level: IP30
<b>Certifications</b>	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS
<b>Country of Origin</b>	Vietnam
<b>Warranty</b>	2 Years

### ORDERING INFORMATION

Model	Description	Input Voltage
<b>Q-M-2800-24P-4S-4EU</b>	24-Port Gigabit Easy-Managed PoE+ Switch with 4 × RJ45 + 4 × SFP Uplinks	250W

