

## QUANT 7200 POE SWITCH SERIES



### Q-IE-7200-4P-4S-R

#### PRODUCT OVERVIEW

The **Q-IE-7200-4P-4S-R** is an 8-port Gigabit Easy Managed Industrial PoE Switch featuring 4 × 10/100/1000Base-T PoE RJ45 ports and 4 × 1000Base-X SFP fiber uplink ports. It supports IEEE 802.3af/at PoE, with up to 30 W per PoE port, allowing direct power delivery to IP cameras, wireless APs, industrial sensors, network phones, and other PoE terminal devices through a single Ethernet cable.

Built for reliable field deployment, the switch supports dual 48–57 V DC redundant power input, IP40-rated metal housing, 6 kV surge protection, and DIN-rail mounting. It also supports web-based management, enabling port management, PoE management, VLAN division, and simplified operation and maintenance for industrial network environments.

#### PRODUCT FEATURE

- **Industrial-Grade Design**

- Wide operating temperature range for harsh industrial environments
- IP40-rated aluminum alloy housing for reliable protection
- Fanless structure with excellent heat dissipation
- 6 kV surge protection and industrial EMC compliance for stable operation

- **Smart PoE Power Supply**

- IEEE 802.3af/at compliant, up to 30 W per PoE port
- Intelligent power detection prevents damage to non-PoE devices
- 4 Gigabit PoE ports support IP cameras, wireless APs, and industrial powered devices
- Dual V+, V- redundant DC power input via 5-pin industrial Phoenix terminal

- **Flexible Fiber Connectivity**

- 4 × 10/100/1000Base-T PoE RJ45 ports
- 4 × 1000Base-X SFP uplink ports
- Supports optional single-mode / multi-mode / single-fiber / dual-fiber optical modules
- Enables flexible industrial backbone and fiber access deployment

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### PRODUCT FEATURE

- **Easy Web Management**

Web-based management for fast deployment, operation, and maintenance

Supports port management, PoE management, VLAN division, bandwidth management, and port mirroring

Supports one-click restore, firmware upgrade, configuration backup and restore, and user account management

Remote PoE control supports PoE on/off, port power status check, fault query, and watchdog configuration

- **High Reliability & Stability**

Non-blocking wire-speed forwarding for smooth data transmission

LED indicators for PWR, SYS, Link, and PoE status

Low power consumption for efficient 24/7 industrial operation

Compliance with CE, FCC, RoHS, and IEC61000-4 industrial standards

### TECHNICAL SPECIFICATION

Model	Downlink PoE Ports	SFP Uplink	Management Type	Fiber Support	Power Input
<b>Connectivity</b>					
<b>Q-IE-7200-4P-4S-R</b>	4 × 10/100/1000Base-T PoE	4 × 1000Base-X SFP	Easy Managed L2	Optional single-mode / multi-mode / single-fiber / dual-fiber optical modules	Dual 48–57 V DC

Model	Switching Capacity	Forwarding Rate	MAC Address Table	Buffer Memory	Jumbo Frame	Forwarding Mode	Max PoE per Port
<b>Performance and Efficiency</b>							
<b>Q-IE-7200-4P-4S-R</b>	56 Gbps	11.9 Mpps	8K	4.1M	10K	Store-and-Forward, Full Wire Speed	30 W

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### TECHNICAL SPECIFICATION

Model	Q-IE-7200-4P-4S-R
<b>Physical Parameter</b>	
Operation TEMP/ Humidity	-40 ~ +75°C, 5% ~ 90% RH non-condensing
Storage TEMP/ Humidity	-40 ~ +85°C, 5% ~ 95% RH non-condensing
Dimension (L*W*H)	145 × 134.5 × 47 mm
Weight	0.75 kg / 1.0 kg
Installation	Desktop, 35 mm DIN Rail
<b>Protection, Compliance, and Warranty</b>	
Protection Level	IP40
Lightning Protection	6 kV, 8/20 μs
ESD	±8 kV contact discharge, ±15 kV air discharge
EFT	Power cable: ±4 kV, Data cable: ±2 kV
Certification	CE, FCC Part 15 Class A, RoHS, CE/LVD EN62368-1
Warranty	2 Years

### SOFTWARE FEATURES

- Port status display and duplex / negotiation rate configuration
- Watchdog setting, EEE energy saving, and Green Ethernet function
- Port traffic statistics and IEEE 802.3x flow control configuration
- Port-based IEEE 802.1Q VLAN configuration (4K)
- Basic port traffic mirroring
- Broadcast storm control, port isolation, and port speed limit
- Web firmware upgrade, configuration backup and restore
- User account management, one-click restore, and web network management

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### ORDERING INFORMATION

Model	Description	Recommended Power Supply
<b>Q-IE-7200-4P-4S-R</b>	8-Port Gigabit Easy Managed Industrial PoE Switch with 4 × 10/100/1000Base-T RJ45 PoE ports and 4 × 1000Base-X SFP uplink ports. Supports IEEE 802.3af/at PoE, dual DC redundant power input, web management, and DIN-rail mounting.	60W / 120W

