【Product introduction】

10/100/1000M industrial Power over Ethernet Switch （POE Switch）, using industrial high-quality high-rate network IC and the most stable POE chip, adopt industry standard design, IP40 protection, rugged high-strength metal case, power supply input (DC48-55V), -40 to 75°C working temperature.POE port support 802.3af/ at standard. This series POE switches provide seamless connectivity to 10/100 /1000M Ethernet, and POE power port can automatically detect and supply power with all IEEE 802.3af compliant Powered Devices (PDs). Non-POE powered device is not mandatory powered, only transmit data.

POE technology is Power over Ethernet technology, which refers to simultaneously transmit data signal and provide DC power technology for some IP-based terminals. (such as IP telephones, wireless access to AP, network cameras, etc.) These receives a DC-powered device called a powered device.

【Package List】

4 Port POE Switch: 1 set

User manual, Warranty card, Certification each 1 copy

【Non-Managed Features】

1.Support 4* Gigabit POE port and 2* Gigabit SFP ports.

2.Support IEEE802.3/ IEEE802.3i/ IEEE802.3u/ IEEE802.3ab/ IEEE802.3z, store and forward.

3.Port 1 support BT90W power supply, support IEEE 802.3af/at/bt standard; Port 2-4 support standard POE power supply, support IEEE 802.3af/at standard.

4.Ethernet ports support 10/100 or 10/100/1000M self-adaption and POE function.

5.Support surge protection: Common mode 6KV, differential mode 2KV; ESD: Air 8KV, Contact 6KV.

6.IP40 protect grade, high strength iron shell, DIN35 Rail installation.

7.Industrial grade 4 design, -40 to 75°C working temperature.

8.Support 3 DIP modes: VLAN, Genius, Extend.

【Technical Parameters】

Network Protocols	IEEE802.3,IEEE802.3u,IEEE802.3z, IEEE802.3ab, IEEE802.3x, IEEE802.1d, IEEE802.1w
PoE Specification	IEEE802.3af (15.4W） IEEE802.3at (30W） IEEE802.3bt (90W)
	PoE port Auto detect AF/AT devices PoE Port Output Voltage: DC48V Power Pin Assignment:1/2+;3/6-
	PoE port auto detect AF/AT devices PoE Port Output Voltage: DC48V Power Pin Assignment:1/2+,3/6-; 4/5-,7/8+(BT)
Network Media	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Fiber Media	Multi-mode: 1310nm, 2Km Single-mode: 1310nm, 20; 1550nm, 40/60/80Km
LED	PWR，PoE Link/ Act
Power Supply	Input Voltage: DC52V (48～55V) Power wiring: 4 PIN industrial terminals (redundant V1+V1-, V2+V2-)
Working Environment	Working temperature: -40～75℃ Storage temperature: -40～75℃ Relative Humidity: 5%~95 %(no condensation)
Industry	EMI: FCC Part 15, CISPR (EN55022) class A EMS: EN61000-4-2 (ESD)

Standard	EN61000-4-4 (EFT) EN61000-4-5 (Surge) Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
V/G/E Modes Buttons	V :isolated ports 1-4, all ports are interconnected with ports 5-6; G: Normal mode, all interfaces can communicate with each other, transmission distance is within 100 meters, transmission rate is 10M/100M/1G adaptive; E: Link extension mode, 1-4 port data transmission distance can be extended to 250 meters, transmission speed is 10Mbps.
Certification MTBF	CE, FCC,ROHS 100,000 hours

Ordering Information

6-Port Gigabit Industrial POE Switch		
POE Port	4 Port	4*Gigabit POE Ports +2* Gigabit SFP Ports
Physical Specifications	Product Dimensions :120*87*30 mm Packaging Dimensions :175*130*55mm Product Net Weight:0.44 KG Product Gross Weight: 0.53 KG	

Product Quality Warranty Card

Customer Company: _____

Contact: _____

Phone: _____

Product Name: _____

Product Model: _____

Factory Serial Number: _____

Purchase Date: _____

Symptom:

Certification

Product Name: _____

Product Model: _____

Factory Serial Number: _____

Production Date: _____

Delivery Date: _____

Test Results: _____

Focus on customer needs, and strive to customer satisfaction

VOLUMA NETWORKS

Industrial POE Switch

User Manual