



DGS-F1008P-2S

8-Port Unmanaged Industrial Gigabit PoE Switch

8-port industrial Gigabit POE switch that provides 8 Gigabit POE ports, 2 Gigabit optical ports, plug and play. This switch can be used as a power supply unit (PSE), max 30W each port, suitable for IEEE802.3af /at compatible powered devices (PDs), achieve EMC Industry Level 4 protection. It can effectively resist static, lightning and pulse interference; corrugated high-strength aluminum profile housing, IP40 grade, low power design, seismic rail mounting, wide temperature design, can work in harsh environments; this series is especially suitable for intelligent Provides fast and reliable communication links in harsh industrial situations such as transportation, energy, electricity, and security.

Technical Specifications

Characteristics

Standards	IEEE 802.3 10Base-T IEEE 802.3u 100Base-T IEEE 802.3ab 1000Base-T IEEE 802.3z 1000Base-X IEEE 802.3af/at	
Exchange Characteristics	MAC address table: 8K Port Cache: 2Mbit 100 Mbps forwarding speed 148810pps Gigabit forwarding speed 1488100pps 100M maximum filter speed: 148810pps	Gigabit maximum filtration speed: 1488100pps Transmission method: Store and forward Backplane bandwidth: 20Gbps Switching Delay: <5us
Port	Optical port: 2 1000Base-X (SFP) RJ45 port: 8 10/100/1000Base-Tx RJ45 ports	
Front Panel Indicator	Interface indicator: Link&ACT(1~8/F1~F2) Power indicator: PWR	
Power Supply	Input voltage: 48V~56VDC Input method: plug-in type 4-core 5.08mm pitch terminal block Support dual DC power backup, built-in over current protection Power supply support anti-reverse connection	
Power Consumption	No-load power: 6W@48VDC Full load power: 96W@48VDC (including POE output)	
Physical Characteristics	Housing: IP40 grade protection, corrugated high strength metal housing Installation: DIN rail mounting Dimensions (length × width × height): 150*127*40mm Weight: 0.8kg	
Industry Standard	EMI: FCC CFR47 Part 15, EN55022/CISPR22, Class A EMS: IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air) IEC60068-2-6 (Vibration) IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) IEC60068-2-27 (Shock) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC60068-2-32 (Free Fall) IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) EC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)	
Working Environment	Working temperature: -40~75°C Storage temperature: -40~75°C Relative humidity: 5%~95% (no condensation)	
Certification	CE, FCC	
Mean time between failures	360,000 hrs	
Warranty	3 years	

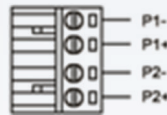
Installation Method

Before installation, confirm the operating environment of the equipment: power supply voltage, installation space, installation method . Please carefully confirm the following installation requirements:

- Check if there are cables and connectors required for installation
- Check whether the cable is in place (not more than 100m) according to reasonable configuration requirements.
- The product does not provide installation components. Users need to prepare components of the selected installation type:
Screws, nuts and tools to ensure reliable installation.

Power requirement	48VDC
Environmental requirements	Working temperature: -40 to 75 ° C Storage temperature: -40 to 75 ° C Relative humidity: 5% to 95% (no condensation)

Power Access

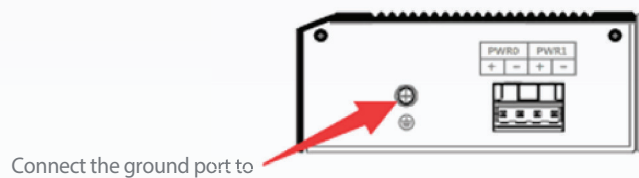


4pin 5.08mm terminal

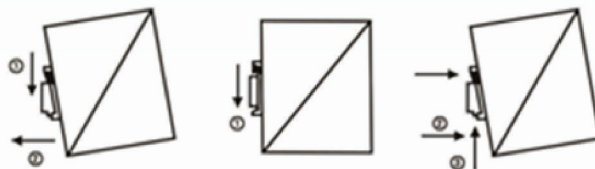
Input range: 12-56VDC

P1&P2 dual redundant power supply,
Support reverse connection protection

Ground Protection



Rail Mounting



Ordering Information

Model	Description
DGS-F1008P-2S	8-Port Unmanaged Industrial Gigabit PoE Switch without power supply
DGS-F1008P-2S/P	8-Port Unmanaged Industrial Gigabit PoE Switch with power supply EDR-120-48 included