4-Optical 16-Electric Ethernet Gigabit Industrial Switch
FW1016GS-4F

PRODUCT FEATURES

16 * 10/100/1000Mbps RJ45 ports+ 4 * Gigabit SFP ports (uplink)

FW1016GS-4F is an industrial full gigabit management Ethernet switch, which provides 16 gigabit RJ45 ports and 4 gigabit optical ports. EMC industrial grade 4 protection performance; Corrugated high-strength aluminum shell, IP40 grade, low power consumption design, anti-seismic guide rail installation, working temperature of – 40 ℃ – 75 ℃, can work in harsh environments.

- 6KV port lightning protection: Full port supports 6KV lightning protection, power short circuit protection, overvoltage protection, surge current protection and other protection features.

- AI intelligent button: Fast ring network RUN Ring technology is adopted. When the main network transmission link fails, the system automatically switches to the backup link, and the fault recovery time can reach 10ms at the fastest.

- Processing capacity: support 802.1Q VLAN, MAC VLAN, IP VLAN, and users can flexibly divide VLANs as required; It supports the quick departure mechanism and querier of Layer 2 multicast, and supports Layer 2 IPv4 static multicast and Layer 2 IPv6 static multicast.

- Security mechanism: with IEEE 802.1x, Radius, Tacacs+, etc., it can provide users with a complete security authentication mechanism; Support ARP protection, IP source protection and DoS protection.

- Reliability protection: support loop protection, root bridge protection, TC protection, BPDU protection and BPDU filtering.

- Management and maintenance: support Console, Telnet, SSH and other management methods; It supports WEB network management (HTTP, HTTPS, SSL V3), which is simpler and more efficient, and is convenient for users to install and debug.

PRODUCT DETAILS

Product Model	FW1016GS-4F
Network Interface	● 16 10/100/1000M RJ45 ports ● 4 gigabit SFP ports ● 1 Console port
Performance Specifications	● MAC address table: 8k ● Backplane bandwidth: 40Gbps ● Packet forwarding rate: 29.8Mpps ● Forwarding mode: store and forward
Power Support	● Voltage input: 48-56V DC ● Input mode: plug-in 5-core 5.08mm spacing terminal block
LED Indicator	● Alarm indicator: ALM ● Power indicator: P1, P2 ● System indicator: SYS ● Network interface indicator: Link&Act1-8 ● Optical port indicator: Link&Act F1-F2
Environmental Specifications	● Operating temperature: - 40-75 ℃ ● Storage humidity: - 40-85 ℃ ● Relative humidity: 5% - 95% (non condensing)
Network Protocol	● IEEE802.3、 IEEE802.3i、 IEEE802.3u、 IEEE802.3ab、 IEEE802.3z、 IEEE802.3ad、 IEEE802.3x、 IEEE802.1p、 IEEE802.1q、 IEEE802.1w、 IEEE802.1d、 IEEE802.1s
Management	● 2L+
Antistatic	● ±8kV(contact),±15kV (air)
Size (W*D*H)	● 164*130*78.8mm

APPLICATION COLLOCATION

Firewall

Centralized Monitoring Platform

Video Monitoring Platform   Firewall   Management Platform   Quality Air Closing System

Management Platform