

OFS-PE-IGSF2T8

Description



The OFS-PE-IGSF2T8 series is an industrial Ethernet switch, with 8*10/100/1000M Ethernet ports and 2x 1000M SFP port. Users can select different optical modules according to their needs, such as multi-mode dual fiber and single-mode dual fiber, single-mode single fiber, etc. It uses the latest IC in the United States, with stable performance, high quality and high-cost performance. It is suitable for industrial scenes such as intelligent transportation, rail transit, electric power, mining, metallurgy and green energy construction to form a cost-effective and stable communication network. Unmanaged model, plug and play, no configuration, easy to use.

Features

- 8 Port 10/100/1000Mbps POE RJ45 with Auto Uplink, 2 port 1000Mbps SFP Slot
- Automatic MAC address learning and aging
- Automatically support IGMP (Multicasting)
- 10/100/1000Mbps Auto-negotiation, auto-MDI-MDI-X
- LED indicators for monitoring power/link/activity
- Supports 10/100/1000Mbps-Full/Half-duplex
- Supports Wall-mount and DIN-Rail installation for lightning protection
- Supports Daisy-Chain connection
- Supports Broadcast Storm Control
- Supports Relay output for power failure
- Super lightening protection, IP40 protection.
- Excellent heat elimination without cooling fan.
- Redundant dual DC power inputs.
- Redundant Power Inputs
- Apply to Urban Intelligent Traffic Monitoring System (ITS), Safe City.
- Harsh industrial environment or higher requirement
- -45~-85~ operating temperature range

Technical parameter list

IEEE Ethernet Standards

IEEE802.3, IEEE802.3u, IEEE 802.3x, IEEE 802.3ab

Ports	8*10/100/1000MBase-T 2*1000MBase-X SFP (SC, ST, FC, LC)
Architecture	Store-and-forward
Bandwidth	20.0Gbps
Buffer	4Mbps
Mac Address Table	8192
PoE(Optional)	Standard IEEE802.3af/at PSE Type End-span Power Pin Assignment 1 / 2 (+), 3 / 6 (-) or 4 / 5 (+), 7 / 8 (-) Each port up to 30W
Twisted Pair Transmission	Twisted pair 0-100m (cat 5, cat 6) Single mode fiber 20/40/60/80/100/120km Multimode fiber 2km
Enclosure	Ip40
Dimension (W*L*H)	158mm *118mm * 42mm
Weight	0.5KG
Mechanical properties	IEC60068-2-6 (anti vibration) IEC60068-2-27 (anti shock) IEC60068-2-32 (free fall)
Anti-surge / Protection Level	Anti-surge:4KV 8/20us; Protection Level: IP40 IEC61000-4-2 <ESD>8kV Contact Discharge, ~15kV IEC61000-4-3<RS>10V/m 80~1000MHz± IEC61000-4-4<EFT>Power Line: ~4kV; Data Line: ~2kV IEC61000-4-5<Surge> Power Line, CM~4kV/DM~2kV ± 100A/m Continued; 1000A/m,1s to 3s IEC61000-4-9 (Pulsed Magnetic Field) 1000A/m IEC61000-4-10 (Damping Oscillation) 30A/m ,1MHz IEC61000-4-12/18 (SHOCKWAVE) CM 2.5kV, DM 1kV IEC61000-4-16 (Common Mode Conduction) 30V Continued; 300V,1s FCC Part 15/CISPR22<EN55022>Class A IEC61000-6-2(General Industry standard)
Power	POE DC power Input 48~55Vdc(when choice POE module) Power Consumption < 10W (without PoE output) POE full load <240W Overload Current Protection Yes Reverse polarity protection Yes
Environmental	Operating Temperature -40 ~ +85 Degree Storage Temperature -40 ~ +85Degree Operating humidity 5%~95% non-condensing

Ordering Information

OFS-PE-IGSF2T8	POE,2*1000Base-FX to 8*10/100/1000Base-TX Industrial Grade Switch (SFP) 20km, POE 802.3af/at external PS
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