



HONGKONG DONGWE TECHNOLOGIES CO.,LTD

香港东为科技有限公司

www.dongwe.cn

DW-ISF1S8R

8*100M POE RJ45+1*1000M Fiber Port Industrial POE Switch



Description:

DW-ISF1S8R is a kind of industrial POE Ethernet switch, which supports eight 10/100Base-TX electrical ports and one 1000Base-X fiber port. The product conforms to FCC and CE standards. This series of Switches have working temperature ranging from -40°C ~ 85°C. They have strong robustness and can adapt to various harsh environments. They can also be conveniently placed in a compact control box in space. The Din-rail & Wall mounting installation, wide temperature operation, IP40 protection level shell and LED indicator lights make it a plug-and-play industrial equipment, providing a reliable and convenient solution for the networking users.

Function:

- ◆ High quality optical modules are used to provide good optical&electrical characteristics.
- ◆ Reliable data transmission and long working life
- ◆ Support full duplex or half duplex mode with automatic negotiation capability
- ◆ Network Port supports Full Automatic Cross Recognition
- ◆ Internal band storage and forwarding mechanism to support multiple protocols
- ◆ Compliance with telecommunication-grade operation standards, average trouble-free work in more than 50,000 hours
- ◆ Working Power Supply: DC 48-57V Provides Reverse Connection Protection
- ◆ Optical Fiber interface SC (optional ST,FC,SFP interface)
- ◆ Lightning surge protection: 5000A(8/20μs)



HONGKONG DONGWE TECHNOLOGIES CO.,LTD

香港东为科技有限公司

www.dongwe.cn

Technical Parameter:

Description	8* 100M POE RJ45+1* 1000M Fiber Port Industrial Switch			
Interface	8* 100M POE RJ45+1* 1000M Fiber Port			
Size	139*108*50mm			
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;IEEE802.3u;100Base-TX/FX;			
POE Standard	Standard PoE: IEEE802.3af/ IEEE802.3at			
	PoE Interface: 8 ports can support PoE			
	Output Power: Max Power 15.4W (IEEE 802.3af) Max Power 30W (IEEE 802.3at) Automatic POE Port Recognition af/at			
	Output Voltage : DC48~57V			
	Power supply mode : 1/2+;3/6-			
RJ45 Interface	10/100BaseT（X）Auto detection， Full/Half Duplex MDI/MDI-X self-adaption			
Fiber Interface	100BaseFX Interface（SC/FC/ST/SGP optional）			
Twisted Pair	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100 meter)			
Fiber Cable	MM: 850nm 0~550M 1310nm 0~2KM SM: 1310nm 0~40KM 1550nm 0~120KM			
Switch Properties	Application Level: Level 2 Backplane Bandwidth: 5.6Gbps Full package forwarding rate: 4.16Mpps MAC table: 8K Packet Buffer: 1M Delay time: <4μs Switching mode: storage-forwarding			
Protection level	IP40			
LED index	Power Indicator: PWR Interface indicator: Electric&Optical outlet（Link/ACT）			
Power Supply	Input Voltage: DC48-57V（Dual Power Redundant Backup） Access terminal: 1 removable 6-contact terminal block Supporting dual power redundancy Supporting built-in overcurrent 4.0 A protection Supporting reverse connection protection			
Other specifications:				
Working Environment	Working temperature: -40~85℃（-40~185°F） Storage temperature: -40~85℃（-40~185°F） Relative humidity: 5%~95%(no condensation)			
Industry	EMI: FCC Part 15 Subpart B Class A， EN 55022 Class A			



HONGKONG DONGWE TECHNOLOGIES CO.,LTD

香港东为科技有限公司

www.dongwe.cn

Standard	EMS : IEC(EN)61000-4-2(ESD):±8kV contact discharge,±15kV air discharge IEC(EN)61000-4-3(RS):10V/m(80~1000MHz) IEC(EN)61000-4-4(EFT):power line:±4kV;data line:±2kV IEC(EN)61000-4-5(Surge):power line:±4kV CM/±2kV DM;data line:±2kV IEC(EN)61000-4-6(Radiofrequency conduction):3V(10kHz~150kHz),10V(150kHz~80MHz) IEC(EN)61000-4-16(Common Mode Conduction):30V cont. 300V,1s IEC(EN) 61000-4-8 Shock: IEC 60068-2-27 Freefall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Mechanical properties	Shell: Metal Material Installation: DIN rail type, wall mounted installation Weight: 0.6Kg
Average fault-free time	300,000 hours
Warranty	5years

Ordering Information

Part Number	Product Description
DW-ISF1S8R	8 ports 100M Industrial PoE Switch, with 8 RJ45 ports + 1 100M TP or SFP port
DW-ISF1S8RP	8 ports 100M Industrial PoE Switch, with 8 POE RJ45 ports + 1 100M TP or SFP port

Note: Power adapter& SFP module is not included in this package. Please order it separately.

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must be specifically confirmed in writing by DONGWE before they become applicable to any particular order or contract. In accordance with the DONGWE policy of continuous improvement specifications may change without notice.

The publication of information in this data sheet does not imply freedom from patent or other protective rights of DONGWE or others. Further details are available from any DONGWE sales representative.