

IDS1608F2

Din-rail Industrial Ethernet Switch



Description

The IDS1608F2 is a high performance Ethernet Switch with 8 x10/100/1000TX RJ45 Copper ports and 2 x1000M SFP Ports, which meets the high reliability requirements demanded by industrial rolling stock applications. It provides L2 wire speed for network aggregation deployment. For more usage flexibilities, IDS1608F2 supports wide operating temperature from -40~75°C.

Features

- Conforms to IEEE802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z
- Provide 8 10/100/1000TX RJ45 Copper ports and 2x1000M SFP ports
- High back-plane bandwidth 20Gbps
- IEEE802.3x Flow control
- Surge protection for power port and data ports
- Wide power input: 12~57VDC
- Wide working temperature: -40~75°C
- IP30 Aluminum case
- 200,000 hours MTBF (Parts count reliability prediction)

Dimemnsions

Specifications

Attributes	
Networking Interfaces	8 10/100/1000M RJ45 Copper ports. 2 1000M SFP ports.
LED Indicators	Power, Link/Act
Copper Cable	
10Base-T	2-pair UTP/STP Cat. 3,4,5/5E,6 cable EIA/TIA-568 100-ohm (100m)
100Base-T	2-pair UTP/STP Cat. 5/5E,6 cable EIA/TIA-568 100-ohm (100m)
1000Base-T	4-pair UTP/STP Cat. 5E,6 cable EIA/TIA-568 100-ohm (100m)
Performance	
Switching Capacity	20 Gbps
Forwarding Capacity	14.88 Mpps
Forwarding Mode	Store and Forward
Packet Buffer Memory	2 Mbit
MAC Address Table	16K
Physical	
Dimensions	140x138x60mm
Weight	0.5kg
Operating Temperature	-40~75℃
Storage Temperature	-40~85℃
Operating Humidity	5 to 95% Noncondensing
Power Method	12-57VDC
Max. Power Consumption	10W
EMC Safety	FCC, CE, RoHS
Reliability	
Package List	
Industrial PoE Switch	1pcs
User Manual	1pcs

Order Information

Switch Models	
IDS1608F2	8GE+2SFP Din-rail unmanaged Industrial Ethernet Switch
SFP Modules	
GSFP-RJ45	1000M SFP module, RJ45 port
GSFP-M-LC-R5	1000M SFP module, multi-mode, 500M, 850nm, LC
GSFP-S-LC-20	1000M SFP module, single-mode, 20km, 1310nm , LC
GSFP-S-LC-40	1000M SFP module, single-mode, 40km, 1310nm, LC

GSFP-S-LC-80	1000M SFP module, single-mode, 80km, 1550nm, LC
---------------------	---