

IDS1604F1-4P

Din-rail Industrial PoE Ethernet Switch



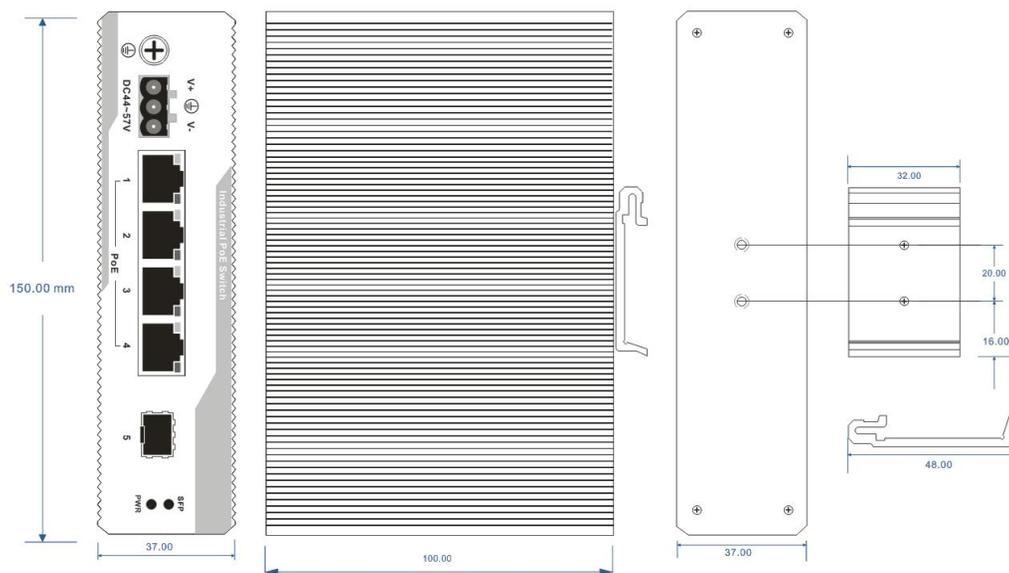
Description

The IDS1604F1-4P is a high performance Ethernet Switch with 4 x10/100/1000TX RJ45 Copper ports with 4 PoE and 1x1000M SFP port, 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, IDS1604F1-4P supports wide operating temperature from -40~75°C.

Features

- Conforms to IEEE802.3, IEEE 802.3u, IEEE 802.3ab, IEEE802.3z, IEEE802.3af, IEEE802.3at
- Provide 4 10/100/1000TX RJ45 Copper ports with 4 PoE and 1x1000M SFP port
- PoE Budget 120W
- High back-plane bandwidth 10Gbps
- IEEE802.3x Flow control
- Surge protection for power port and data ports
- Wide power input: 44~57VDC
- Wide working temperature: -40~75°C
- IP30 Aluminum case
- 200,000 hours MTBF (Parts count reliability prediction)

Dimensions



Specifications

Attributes	
Networking Interfaces	4 10/100/1000M RJ45 Copper ports. 1 1000M SFP port
LED Indicators	Power, Link/Act, PoE
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	10 Gbps
Forwarding Capacity	7.44 Mpps
Forwarding Mode	Store and Forward
Packet Buffer Memory	1 Mbit
MAC Address Table	8K
PoE Budget	120W
Physical	
Dimensions	140x138x40mm
Weight	
Operating Temperature	0 to 40°C
Storage Temperature	-10 to 70°C
Operating Humidity	5 to 95% Noncondensing
Power Method	44-57VDC
Max. Power Consumption	Including PoE Output: 125W Excluding PoE Output: 5W
EMC Safety	FCC, CE, RoHS
Reliability	

Power over Ethernet	
PoE Interfaces	Ports 1-4
PoE Standard	IEEE802.3af, IEEE802.3at
Max. PoE Wattage per Port	30W
PoE Voltage	52VDC (Depend on Power Adapter)
PoE Pin Assignment	V- (RJ45 Pin1,2), V+ (RJ45 Pin 3,6)
Package List	
PoE Switch	1pcs
User Manual	1pcs

Order Information

Switch Models	
IDS1604F1-4P	4GE+1SFP Din-rail Managed Industrial PoE 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