

4 x 10/100/1000TX 802.3at + 1 x Combo (10/100/1000T or 100/1000M SFP) + 1 x 100/1000M SFP



Introduction

This 6-port with 4 x 10/100/1000TX 802.3at + 1 x Combo(10/100/1000T or 100/1000M SFP) + 1 x 100/1000M SFP Industrial Unmanaged Gigabit Switch is a cost-effective solution, which meets the high reliability requirements, demanded by industrial applications.

Specifications

Ethernet Communications

- Standard IEEE802.3
- IEEE802.3u
- IEEE802.3ab
- IEEE802.3z
- IEEE802.3x

Mechanism

- Enclosure IP30, Rugged metal shell
- Dimensions (L*W*D) 142*43*105 mm
- Installation Din Rail and Wall Mount Design

Power

- Power consumption 5.76 watts @48VDC full load
- Power Input 9-55 VDC Redundant Power Input
- Alarm Relay 1 Relay Output: with 1 A @ 24 VDC

Hardware

- Switch Architecture Back-plane: 12Gbps
- Packet Buffer 1Mbits
- Mac Address 1K
- Jumbo Frame 10KB

LED

- PW1(Power 1) Green, PW2(Power 2) Green, ERR(Fault) Amber
- TX/RJ45 port: Link(Link/Active) Green, SPD(Speed) 10/100(off), 100(Green)
- SFP Fiber Per Port: Link(Green) Active Flash

Environment

- Operating Temperature -40 ~ 75°C (-40 ~ 167°F)
- Storage Temperature -40 ~ 85°C (-40 ~ 185°F)
- Operating Humidity 5 ~ 95%(non-condensing)
- Storage Humidity 5 ~ 95%(non-condensing)

Certifications

- DIP Switch
 - DIP 1: Off: Port 5 SFP (Default), On: Port 5 TX
 - DIP 2: Off: SFP 1000(Default), On: SFP 100M
- Reverse Polarity Protection Present
- Overload Current Protection Present
- Power Supply: Redundant Dual DC 9-55V Power Input

Hardware Specifications

Switch Architecture	Back-plane (Switching Fabric): 12Gbps
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet port 1,488,000pps for Gigabit Ethernet port
Packet Buffer	1Mbits
Mac Address	1K MAC address table
Connector	10/100/1000T: 4 x RJ-45 100/1000 Dual Speed SFP
Optical Cable	Depends on Transceiver
Protocol	CSMA/CD
LED	Per unit: Power 1 (Green), Power 2 (Green), ERR(Amber) Ethernet: Link/Activity (Green) / Speed (Green), Mini-GBIC: Link/Activity (Green),
Power Supply	9-55 VDC, Redundant Power Input
Power Consumption	5.76 Watts @48VDC full load
Operating Humidity	5% to 95% (Non-condensing)
Operating Temperature	-40°C ~ 75°C
Storage Temperature	-40°C ~ 85°C
Case Dimension	IP30, 43mm (W) x 142mm (H) x 105mm (D)
Installation	Din Rail and Wall mounting design
EMC/EMS	CE, FCC
EMI	FCC Part 15 Subpart B Class A CE EN55022 Class A

Order Information

Product Name	Description
IGS-U041C1S	6-port: 4 x10/100/1000T + 1 x Combo(10/100/1000T or 100/1000M SFP) + 1 x 100/1000M SFP Industrial Unmanaged Gigabit Switch -40°C ~ 75°C
IGS-U041C	5-port: 4 x10/100/1000T + 1 x Combo(10/100/1000T or 100/1000M SFP) Industrial Unmanaged Gigabit Switch -40°C ~ 75°C
IGS-U041T	5-port: 4 x10/100/1000T + 1 x 10/100/1000T Industrial Unmanaged Gigabit Switch -40°C ~ 75°C