



IGS-501T

5-Port 10/100/1000Mbps Industrial Gigabit Ethernet Switch with -40C ~ 75C

Features

Physical Port

- 5-Port 10/100/1000Base-T RJ-45 with auto MDI/MDI-X function

Layer 2 Features

- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T Ethernet standard
- Supports Auto-negotiation and 10/100Mbps half / full duplex and 1000Mbps full duplex mode
- High performance Store and Forward architecture, broadcast storm control, runt/CRC filtering eliminates erroneous packets to optimize the network bandwidth
- Prevents packet loss with back pressure (Half-Duplex) and IEEE 802.3x PAUSE frame flow control (Full-Duplex)
- Backplane (Switching Fabric): 10Gbps
- Integrated address look-up engine, support 8K absolute MAC addresses
- 136 kilobytes on-chip frame buffer
- 9K Jumbo packet size support
- Automatic address learning and address aging
- CSMA/CD Protocol

Industrial Case / Installation

- IP-30 Metal case / Protection
- DIN Rail and Wall Mount Design
- 12 to 48V DC, redundant power with polarity reverse protect function and connective removable terminal block for master and slave power
- Supports EFT protection 6000 VDC for power line
- Supports 6000 VDC Ethernet ESD protection
- -40 to 75 Degree C operation temperature

Specifications

Specification	Description
Hardware Specification	
10/100/1000Base-T Ports	5
Dimension	135 x 87 x 32 mm
Weight	455g
Power Requirement	12~48 VDC, Redundant power with polarity reverse protection function
Power Consumption / Dissipation	11.9 Watts / 40BTU
Installation	DIN rail kit and wall mount ear
Alarm	Provides one relay output for power fail Alarm Relay current carry ability: 1A @ DC 24V
Switch Specification	
Switch Processing Scheme	Store-and-Forward
Address Table	8K entries
Buffer	136 kilobytes
Flow Control	Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex
Switch fabric	10Gbps
Throughput (packet per second)	7.4Mpps
Jumbo Frame	9K

Network cables	10/100/1000Base-T: Cat. 3, 4, 5, 5e, 6 UTP cable (100meters, max.) EIA/TIA-568 100-ohm STP(100meters, max.)
Standards Conformance	
Standards Compliance	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3x Full-duplex flow control
Temperature	Operating: -40~75 Degree C Storage: -40~75 Degree C
Humidity	Operating: 5~90%, Storage: 5~90% (Non-condensing)
Regulation Compliance	FCC Part 15 Class A, CE
Stability testing	IEC60068-2-32(Free fall), IEC60068-2-27(Shock), IEC60068-2-6(Vibration)

Order Information

Model	Part #	Description
IGS-501T	IGS-501T	5-Port 10/100/1000Mbps Industrial Gigabit Ethernet Switch (-40~75 Degree C operate temperature)
Optional Power Supply		
AC24VT	AD17-24C	Universal AC (100 to 240V) Power Supply to 24VDC, Terminal Block
Optional Mounting		
Din-Rail Track (39)	11110320	1 meter (39 inches) 35 mm Steel Din-Rail Track.
Din-Rail Track (12)	11110320/12	30 cm (12 inches) 35 mm Steel Din-Rail Track.
Accessories		
CP-MDR-02024	MDR-20-24	20W/24V, Industrial Slim Fit DIN Rail Power Supply

PWR-40-24	PWR-40-24	24V, 40W Din-Rail Power Supply (MDR-40-24) More Specification information Click here
CP-MDR-06024	MDR-60-24	60W/24V, Industrial Slim Fit DIN Rail Power Supply
CP-MDR-10024	CP-MDR-10024	100W/24V, Industrial Slim Fit DIN Rail Power Supply
CP-MDR-01024	MDR-10-24	10W/24V, Industrial Slim Fit DIN Rail Power Supply