

5-PORT 10/100/1000 INDUSTRIAL SWITCH VDI INS05RS



5 ports RJ45 10/100/1000

Supports
Auto-MDI/MDI-X

Auto-negotiation

MAIN FEATURES

System Interface/Performance

- RJ-45 port support Auto MDI/MDI-X Function
- Store-and-Forward Switching Architecture
- Back-plane (Switching Fabric): 10Gbps
- 136Kbits Memory Buffer
- 8K MAC Address Table
- 9Kbytes Jumbo Frame
- Support Broadcast storm control

Power Supply

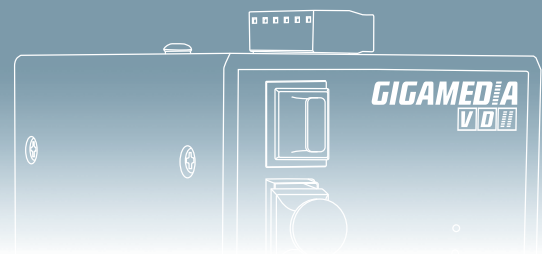
- Wide-range Redundant Power Design
- Power Polarity Reverse Protect
- Overload Current Re-settable Fuse Present

Case/Installation

- IP-30 Protection
- DIN Rail and Wall Mount Design

Other

- Provides broadcast storm protection
- Provides EFT protection 3000 VDC for power line
- Supports 4000 VDC Ethernet ESD protection



PRODUCT SPECIFICATIONS

IEEE Standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX IEEE 802.3ab 1000Base-T IEEE802.3x Flow Control and Back Pressure
Switch Architecture	Back-plane (Switching Fabric): 10Gbps Packet throughput ability (Full-Duplex): 14.88Mpps @64bytes
Transfer Rate	14,880pps for Ethernet port 148,800pps for Fast Ethernet port 1,488,000pps for Gigabit Fiber Ethernet port
Memory Buffer	136Kbits
MAC Address	8K MAC address table
Jumbo Frame	9Kbytes
Connector	10/100/1000T: 5 x RJ-45
Network Cable	10Base-T: 2-pair UTP/STP Cat. 3, 4, 5 cable EIA/TIA-568 100-ohm (100m) 100Base-TX: 2-pair UTP/STP Cat. 5 cable EIA/TIA-568 100-ohm (100m)
Protocol	CSMA/CD
LED	Per unit: Power 1 (Green), Power 2 (Green), Fault(Red) Per port: Link/Activity (Green), Speed (1000Mbps Green)
Reserve polarity protection	Present
Overload current protection	Present
Power Supply	DC 12~48V, Redundant power with polarity reverse protect function and removable terminal block
Power Consumption	4.6 W
Operating Humidity	5%~95% (Non-condensing)
Operating Temperature	Standard: -10°C ~ 60°C; Wide Operating Temperature (-40°C ~ 75°C)
Storage Temperature	-40°C ~ 85°C
Case Dimension	Metal case. IP-30, 30mm (W) x 95mm (D) x 140mm (H)
Installation	DIN Rail and Wall Mount Design
EMI	FCC Class A, CE EN61000-4-2 (ESD), CE EN61000-4-3 (RS), CE EN-61000-4-4 (EFT), CE EN61000-4-5 (Surge), CE EN61000-4-6 (CS), CE EN61000-4-8, CE EN61000-4-11, CE EN61000-4-12, CE EN61000-6-2, CE EN61000-6-4
Safety	UL, cUL, CE/EN60950-1
Stability Testing	IEC60068-2-32 (Free fall), IEC60068-2-27 (Shock), IEC60068-2-6 (Vibration)

YOUR POINT OF CONTACT

PART NUMBER

P/N	DESCRIPTION
VDI INS05RS	5 10/100/1000T Industrial Switch