

DIN RAILED 5-PORT 10/100 INDUSTRIAL ETHERNET SWITCH VDI INS5TX



5 ports RJ45 10/100

Supports
Auto-MDI/MDI-X

Store-and-forward

VDI INS5TX has 5 ports with each port featuring auto-negotiation and auto MDI/MDI-X detection.

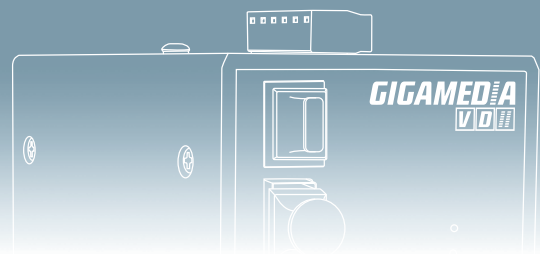
Existing 10Mbps networks can now be upgraded effortlessly to higher speed 100Mbps Fast Ethernet networks. The **VDI INS5TX** 5-port density can be used to create multiple segments to alleviate client congestion and provide dedicated bandwidth to each user node. The **VDI INS5TX** is a cost-effective solution to keep up with the constant demands for emerging IP-based industry communication needs.

Featuring 5 independent 10/100 Fast Ethernet switch ports, the **VDI INS5TX** switch delivers unrivalled performance for small to medium-sized networks. The unit offers a cost-efficient 5-port density along with Auto-Negotiation capabilities wrapped together in a simple to setup and install solution.

Maximize Data Output - Supports full wire speed on all ports at a rate of 148,800 packets per second. Store-and-Forward switching architecture provides low latency.

MAIN FEATURES

- 5-port 10/100 Mbps Auto-Negotiation Ethernet ports
- Comprehensive front-panel diagnostic LEDs
- Supports Auto-MDI/MDI-X
- Full/half-duplex transfer modes for each port
- Wire speed reception and transmission
- Store-and-forward switching method
- Integrated address Look-Up Engine, supports 2K absolute MAC address
- Support surge protection
- IEEE 802.3x flow control for full-duplex
- Support 35mm DIN RAIL
- FCC Class A and CE approval



PRODUCT SPECIFICATIONS

PERFORMANCE

Ethernet	10 Mbps (half-duplex) 20 Mbps (full-duplex)
Fast Ethernet	100 Mbps (half-duplex) 200 Mbps (full-duplex)

CONNECTORS & CABLING

10BASE-T ports	RJ-45 connectors; two-pair category 3, 4, or 5 unshielded twisted-pair (UTP) cabling, EIA/TIA 100-ohm shielded twisted-pair (STP)
100BASE-TX ports	RJ-45 connectors; two-pair Category 5 UTP cabling, EIA/TIA 100-ohm shielded twisted-pair (STP)
Topology	Star
Mounting	35mm DIN Rail

LEDS

Per unit	1 x Power (PWR), green
Per port	1 x Link/ACT (LNK/Activity), green 1 x Speed (100 Mbps), green

POWER

DC Input Voltages	+18-30V DC
Hysteresis	3V MIN. (turn on : 17-16V , turn off : 14-12V)
Surge protection	1KV @ 24VDC
Ripple test	Meet EN/IEC 61131-2
Power Consumption	3 watts (max)

ENVIRONMENT

Operating Temperature	-40°C ~ 70°C
Relative Humidity	5% ~ 95%, (non-condensing)

STORAGE

Temperature	-20°C ~ 80°C
Relative Humidity	5%-95%, non-condensing

DIMENSION

Height	109.2 mm
Width	23.4 mm
Depth	73.8 mm
Case	Metal

STANDARDS

IEEE 802.3 10BASE-T specification
IEEE 802.3u 100BASE-TX and 100BASE-FX specification
IEEE 802.3x Flow control

EMISSIONS

CE Mark	Class A
Emissions	FCC Class A

WARRANTY

24 months

PART NUMBER

P/N	DESCRIPTION
VDI INS5TX	DIN Rail Mount 5-port 10/100 Industry Ethernet Switch

YOUR POINT OF CONTACT