Datasheet_FSW-0507TX

5-port 10/100 Mbps Switch

LevelOne's FSW-0507TX Fast Ethernet Switch is designed for easy installation and high performance in an environment where traffic on the network and the number of user increase continuoulsy. This switch is equipped with 5 Fast Ethernet ports and reaching the highest bandwidth up to 200Mbps for each port to provide workstations with a congestion-free data pipe for simultaneous access to the server.

This FSW-0507TX combines dynamic memory allocation with a store-and-forward switching architecture to ensure that the buffer is effectively allocated for each port. It also controls the data flow between transmit and receive nodes to guarantee against all possible packet loss. With Auto-MDIX function for each port, this switch is expandable by cascading two or more switches together by uplinking directly without cable selection hassle.

The switch with small and compact size is specially designed to fit in space-limited locations and for small to middle workgroup. With the accessory kits, the device can be standable on the desk or mounted on the wall. Users can immediately access any of the features of this product simply by attaching the cables and turning on the power. For instant error detection, the switch is equipped with a full range of LEDs to help you monitor and troubleshoot problems on your network.

FSW-0507TX

Key Features

- 5-port 10/100 Mbps Gigabit Switch
- Complies with IEEE 802.3, 802.3u and 802.3x
- Supports Nway auto-negotiation for speed and duplex modes for each port
- Auto MDIX function for unlinking at each port
- Store-and-Forward switching architecture
- Front-panel diagnostic LEDs
- IEEE 802.3x flow control for full-duplex
- Back pressure flow control for half-duplex

Standable   **Wall-Mountable**

Datasheet_FSW-0507TX

Technical Specification

- **Standards Compliance**
  IEEE 802.3: 10 BASE-T
  IEEE 802.3u: 100 BASE-TX
  IEEE 802.3 Nway Auto-negotiation

- **Ports**
  5 x RJ-45 10/100Mbps ports

- **Protocol**
  CSMA/CD

- **Switching Method**
  Store-and-Forward switching architecture

- **Data Transfer Rate**
  Ethernet: 10Mbps half duplex, 20 Mbps full duplex
  Fast Ethernet: 100Mbps half duplex, 200 Mbps full duplex

- **Cabling**
  Ethernet: 2-pair UTP/STP Cat.3,4,5, EIA/TIA-568 100-ohm
  Fast Ethernet: 2-pair UTP/STP Cat. 5, EIA/TIA-568 100-ohm

- **Flow Control**
  IEEE802.3x for full-duplex
  Back-Pressure for half-duplex

- **MAC Address Table**
  4K entries per device

- **Packet Buffer**
  128KB per device

- **LEDs**
  Per Device: Power
  Per Port: 100Mbps, Link/Act,

- **Power Supply**
  External power DC7.5V/1A

- **Power Consumption**
  7.5 Watts (max)

- **Temperature**
  Operating: 0°C ~40°C
  Storage: -20°C ~70°C

- **Humidity**
  Operating: 5% ~ 90% Non-Condensing

- **Dimension**
  131.5mm(L) * 71.5mm(W) * 32mm(H)

- **EMI and Safety**
  FCC class B, CE Mark B, VCCI-B

Product Diagram

Ordering Information

- GSW-0507TX: 5-port 10/100Mbps Switch