

Datasheet_GSW-1601TX _GSW-2401TX _MDU-0200SX _MDU-0201T



LevelOne ProCon Gigabit Switches



T E C H N I C A L D A T A

Standard Conformance:

- IEEE 802.3 10Base-T Ethernet
- IEEE 802.3u 100Base-TX Fast Ethernet
- IEEE 802.3ab 1000Base-T
- IEEE 802.3z 1000Base-SX/LX
- ANSI/IEEE 802.3 Nway Auto-negotiation

Ports

- GSW-1601TX: 16 x 10/100 Mbps STP RJ45 + Gigabit Module Option + Uplink-Port
- GSW-2401TX: 24 x 10/100 Mbps STP RJ45 + Gigabit Module Option + Uplink-Port
- MDU-0200SX: 2 x 1000SX Fiber
- MDU-0201T: 2 x 10/100/1000Mbps STP RJ45

Network Cables

- 10Base-T: 2-pair UTP/STP Cat. 3,4,5
- 100Base-TX: 2-pair UTP/STP Cat. 5
- 1000Base-T: 4-pair UTP/STP Cat. 5
- 1000Base-SX: Multi-mode 62.5/125µm fiber optic cable

Diagnostic LEDs:

- System LED: Power
- Port LED: Link/Activity, Speed, Full/Half duplex, Collision

Physical Characteristics:

- Operating Temperature: 0 - 50 Degree Celsius
- Storage Temperature: 20 - 70 Degree Celsius
- Operating Humidity: 10% - 90% RH
- Storage Humidity: 5% - 90% RH
- Dimensions 440mm(L) x 245mm(W) x 44mm(H)

Power Requirement

- Power Input: 100-240V AC, 50-60Hz, Auto-sensing

Features

- Full or half duplex on every TX port, total bandwidth is up to 200 Mbps/ports
- Store and forward/filtering at full wire rate on 10 Mbps and 100 Mbps
- MAC Address: 1KB
- Buffer Memory: 10MB per device
- Flow-Control: IEEE 802.3x for full-Duplex, back-Pressure for half duplex
- Broadcast storm control
- Support to handle up to 1536 bytes per packet
- Multicast Head-of-Link blocking control
- Runt and CRC Filtering
- Auto MDI/MDI-X on each port
- Auto MDI/MDI-X on 1000BaseT ports

Data Transfer Rate

- Ethernet: 10Mbps half duplex, 20Mbps full duplex
- Fast Ethernet: 100Mbps half duplex, 200Mbps full duplex

Certification:

- FCC Class A
- CE Mark

Ordering Information

- GSW-1601TX 16 Port 10/100Mbps Switch with Gigabit Option
- GSW-2401TX 24 Port 10/100Mbps Switch with Gigabit Option
- MDU-0200SX 2 Port Modul 1000SX Gigabit (SC-Connector)
- MDU-0201T 2 Port Modul 1000TX Gigabit (RJ45/STP-Connector)