level one ®

16/24/32 Port 10/100Mbps
Fast Ethernet
Switch

Key Features

■ Complies with IEEE802.3 and IEEE802.3u Standards

■ Full/Half-duplex for each port

■ Operating at maximum packet filtering and forwarding rate

■ Supports for store-and-forward of packet switching

■ Supports an Extra MDI-II connector for easy expansion

■ 1/1.5/2Mbytes buffer memory for FSW-1609TFX/2409/3209TFX

■ Address table up to 16K/24K/32K MAC address entries for FSW-1609/2409/3209TFX

■ Comprehensive LED indications for port status indication

■ One optional slot for Fiber optic module. (MDU-0122FXT/0123FXC)

■
FSW-1609TFX
FSW-2409TFX
FSW-3209TFX
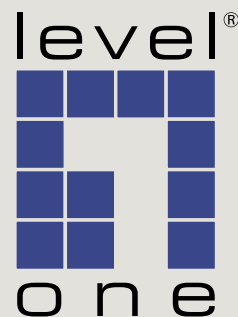MDU-0122FXT
MDU-0123FXC
16/24/32 Port
10/100Mbps
Fast Ethernet Switch

Let the net work

16/24/32 Port 10/100Mbps Fast Ethernet Switch

level one ®

LevelOne Switches-Choices for the Future

The FSW-1609/2409/3209TFX (16/24/32-port) 10/100 Mbps Fast Ethernet switches offer slight variations that provide you with the model that is most suited to the individual demands of your current networking requirements. The future of your network is also taken into account with the optional MDU-0122FXT 100 Mbps ST and the MDU-0123FXC 100 Mbps SC fiber modules. They provide multimode fiber-optic cabling that will handle high-speed transmission paths in your network, and allow for easy and cost-effective expansion.

Reliable high speed transmission

Conforming to the IEEE802.3 10Base-T, IEE802.3u 100Base-TX, and 100Base-FX (modules) the FSW-1609/2409/3209TFX provides a network data transfer rate up to 200 Mbps using the CSMA/CD protocol. Utilizing store-and-forward packet-forwarding techniques the FSW-1609/2409/3209TFX stores the incoming frame in an internal buffer where it is checked for errors before transmission, thereby preventing error packets from occurring. The result is a highly efficient and stable network.

Product Specifications

Standards Conformance	• IEEE802.3u 100Base-TX, 100Base-FX (module) • IEEE802.3 10Base-T
Network Interface	• STP RJ45 port for 10/100Mbps auto-sensing
Supported Cable	• 10Base-T: UTP category 3 or category 5 cable up to 328ft/100M • 100Base-TX: UTP category 5 cable up to 328 ft/100M • 100Base-FX: Multi-mode fiber-optic cable up 6560 ft/2000M (module)
Forwarding Method	• Store and Forward
Packet Forwarding Rate	• 10Base-T: 14,880pps to 10Mbps per port • 100Base-TX/FX: 148,800pps to 100Mbps per port
MAC Address Size	• FSW-1609TFX: 16K MAC address entries per device • FSW-2409TFX: 24K MAC address entries per device • FSW-3209TFX: 32K MAC address entries per device
Buffer Memory Size	• FSW-1609TFX: 1MB per device • FSW-2409TFX: 1.5MB per device • FSW-3209TFX: 2MB per device
Network Data Transfer Rate	• Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex) • Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex)
Protocol	• CSMA/CD
Dimensions	• 440mm x 44mm x 195mm
Temperature	• Operation Temperature: 0°C-40°C • Storage Temperature: -20°C-70°C
Humidity	• Operation Humidity: 10% - 90% RH • Storage Humidity: 5% to 90% RH
Status LEDs	• Power • 10/100Mbps Link/Activity • Collision/Full-duplex
EMC Compatibility	• FCC Part 15 Class A, VCCI-I, CE

Ordering Information

FSW-1609TFX	• 16 Port 10/100Mbps Fast Ethernet Switch
FSW-2409TFX	• 24 Port 10/100Mbps Fast Ethernet Switch
FSW-3209TFX	• 32 Port 10/100Mbps Fast Ethernet Switch
MDU-0122FXT	• 100Mbps ST Fiber Module
MDU-0123FXC	• 100Mbps SC Fiber Module