

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



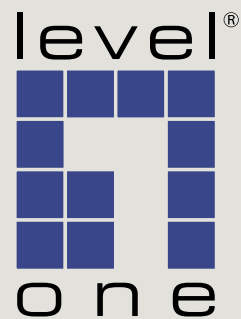
Key Features

- Complies with IEEE802.3 and IEEE802.3u Standards
- Supports an Extra MDI-II connector for easy expansion
- 16,24 or 32 10/100Mbps auto-detect Ethernet/Fast Ethernet ports
- 1/1.5/2Mbytes buffer memory for FSW-1608/2408/3208TFX
- Full/Half-duplex for each port
- Address table up to 16K/24K/32K MAC address entries for FSW-1608/2408/3208TFX
- Operating at maximum packet filtering and forwarding rate
- Comprehensive LED indications for port status indication
- Supports for store-and-forward of packet switching

FSW-1608TFX
FSW-2408TFX
FSW-3208TFX
16/24/32 Port
10/100Mbps
Fast Ethernet Switch

Let the
net
work

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



The LevelOne FSW-1608/2408/3208TFX 16/24/32 Port 10/100Mbps Fast Ethernet Switch is high performance Fast Ethernet Switch. This is designed to eliminate unnecessary traffic and relieve congestion on critical network paths. The FSW-1608/2408/3208TFX is targeted at workgroup, department or backbone computing environments at medium to large business.

FSW-1608/2408/3208TFX comes with 16, 24, 32 ports. The 10/100Mbps ports auto-sense the connected node speed, allowing for flexible connection and Ethernet/Fast Ethernet integration. The Switch's each port is automatically negotiate between 10Base-T and 100Base-TX network speeds, as well as between full and half-duplex modes. Any port thus can up-link to Fast Ethernet or down-link to Ethernet.

With a built-in slot, user can configure the switch with one 100Base-FX fiber port, long-distance fiber link between 2 switches or between switch and a server. Capable of running at full-duplex, these ports serve well in high EM interference environments, providing cable distances of up to 2KM.

Expansion can be accomplished by cascading two or more switches together. As all ports support 100Mbps full-duplex, switch cascading can be made from any port and any number of switches.

The switch is perfect choice for sites planning to upgrade to Fast Ethernet in the future. Ethernet workgroups can connect to the switch now, and change adapters and hubs anytime later without the need to change switches or reconfigure.

The switch's parallel store-and-forward architecture allows direct port-to-port data transfer between multiple 100Base-TX networks with full error checking that eliminates incomplete packets, runs or CRCs from your network traffic.

Product Specifications

| | |
|----------------------------|---|
| Compatibility | <ul style="list-style-type: none"> IEEE802.3u 100Base-TX, 100Base-FX (module) IEEE802.3 10Base-T |
| Network Interface | <ul style="list-style-type: none"> STP RJ45 port for 10/100Mbps auto-sensing |
| Supported Cable | <ul style="list-style-type: none"> 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 | <ul style="list-style-type: none"> Store and Forward |
| Packet Forwarding Rate | <ul style="list-style-type: none"> 10Base-T :14,880pps to 10Mbps per port 100Base-TX/FX:148,800pps to 100Mbps per port |
| MAC Address Size | <ul style="list-style-type: none"> FSW-1608TFX:16K MAC address entries per device FSW-2408TFX:24K MAC address entries per device FSW-3208TFX:32K MAC address entries per device |
| Buffer Memory Size | <ul style="list-style-type: none"> FSW-1608TFX:1MB per device FSW-2408TFX:1.5MB per device FSW-3208TFX:2MB per device |
| Network Data Transfer Rate | <ul style="list-style-type: none"> Ethernet :10Mbps (half-duplex), 20Mbps (full-duplex) Fast Ethernet :100Mbps (half-duplex), 200Mbps (full-duplex) |
| Protocol | <ul style="list-style-type: none"> CSMA/CD |
| Dimensions | <ul style="list-style-type: none"> 440mm x 44mm x 200mm |
| Temperature | <ul style="list-style-type: none"> Operation Temperature: 0°C-40°C Storage Temperature: -20°C-70°C |
| Humidity | <ul style="list-style-type: none"> Operation Humidity: 10% - 90% RH Storage Humidity: 5% to 90% RH |
| Status LEDs | <ul style="list-style-type: none"> PWR: Power LNK/ACT: 10/100Mbps Link/Activity COL/FDX: Collision/Full-duplex FXM: Expansion module |
| EMC Compatibility | <ul style="list-style-type: none"> FCC Part 15 Class B, VCCI-I, CE |

Ordering Information

| | |
|-------------|--|
| FSW-1608TFX | <ul style="list-style-type: none"> 16Port 10/100Mbps Fast Ethernet Switch |
| FSW-2408TFX | <ul style="list-style-type: none"> 24Port 10/100Mbps Fast Ethernet Switch |
| FSW-3208TFX | <ul style="list-style-type: none"> 32Port 10/100Mbps Fast Ethernet Switch |
| MDU-0122FXT | <ul style="list-style-type: none"> 100Mbps ST Fiber Module |
| MDU-0123FXC | <ul style="list-style-type: none"> 100Mbps SC Fiber Module |