

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



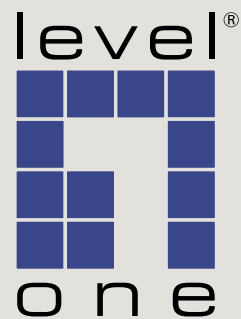
## Key Features

- Complies with IEEE802.3 and IEEE802.3u Standards
- Supports an Extra MDI-II connector for easy expansion
- 16 or 24 10/100Mbps auto-detect Ethernet/Fast Ethernet ports
- 1/1.5 Mbytes buffer memory for FSW-1610TX/2410TX
- Full/Half-duplex for each port
- Address table up to 16K/24K MAC address entries for FSW-1610/2410TX
- Operating at maximum packet filtering and forwarding rate
- Comprehensive LED indications for port status indication
- Supports for store-and-forward of packet switching

FSW-1610TX  
FSW-2410TX  
16/24 Port  
10/100Mbps Fast  
Ethernet Switch

Let the  
**net**  
work

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



## LevelOne Quality Switches

The FSW-1610TX/FSW-2410TX (16/24-port) 10/100 Mbps Fast Ethernet switches from LevelOne provide you with the right connectivity to set up your LAN quickly and easily. Half-and full-duplex capability is supported on all TX ports, providing bi-directional transmission that boosts bandwidth up to 200 Mbps. Operating at maximum packet filtering and forwarding rate, the FSW-1610TX/FSW-2410TX supports store-and-forward and offers 1/1.5 Mbytes buffer memory. The units comply with the IEEE802.3 10Base-T and IEEE802.3u 100Base-TX standards providing adequate flow control between communicating devices for full-duplex operation. Other features include 16K/24K MAC address entries and an STP RJ45 port for 10/100 Mbps auto sensing.

## Expanding Possibilities

The FSW-1610TX/2410TX switches help get the maximum utility from your office network. Offering connections of up to 100m (328ft) apart and an extra MDI-II connector in a virtually plug and play configuration the FSW-1610TX/2410TX, allows for easy network expansion.

## The intelligent choice

The clearly visible status LEDs provide easy monitoring of port link activity, speed, and collision, so that you are never in the dark when it comes to the status of your data transmissions. Offering a compact design (440 mm x 44 mm x 195 mm) the FSW-1610TX/2410TX supports reliable operation in extreme operating environments.

## Product Specifications

Standards Conformance	<ul style="list-style-type: none"> <li>IEEE802.3u 100Base-TX</li> <li>IEEE802.3 10Base-T</li> </ul>
Network Interface	<ul style="list-style-type: none"> <li>STP RJ45 port for 10/100Mbps auto-sensing</li> </ul>
Supported Cable	<ul style="list-style-type: none"> <li>10Base-T: UTP category 3 or category 5 cable up to 328ft/100M</li> <li>100Base-TX: UTP category 5 cable up to 328 ft/100M</li> </ul>
Forwarding Method	<ul style="list-style-type: none"> <li>Store and Forward</li> </ul>
Packet Forwarding Rate	<ul style="list-style-type: none"> <li>10Base-T: 14,880pps to 10Mbps per port</li> <li>100Base-TX: 148,800pps to 100Mbps per port</li> </ul>
MAC Address Size	<ul style="list-style-type: none"> <li>FSW-1610TX: 16K MAC address entries per device</li> <li>FSW-2410TX: 24K MAC address entries per device</li> </ul>
Buffer Memory Size	<ul style="list-style-type: none"> <li>FSW-1610TX: 512KBytes per device</li> <li>FSW-2410TX: 1.5MB per device</li> </ul>
Network Data Transfer Rate	<ul style="list-style-type: none"> <li>Ethernet: 10Mbps (half-duplex), 20Mbps (full-duplex)</li> <li>Fast Ethernet: 100Mbps (half-duplex), 200Mbps (full-duplex)</li> </ul>
Protocol	<ul style="list-style-type: none"> <li>CSMA/CD</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>440mm x 44mm x 195mm</li> </ul>
Temperature	<ul style="list-style-type: none"> <li>Operation Temperature: 0°C-40°C</li> <li>Storage Temperature: -20°C-70°C</li> </ul>
Humidity	<ul style="list-style-type: none"> <li>Operation Humidity: 10% - 90% RH</li> <li>Storage Humidity: 5% to 90% RH</li> </ul>
Status LEDs	<ul style="list-style-type: none"> <li>Power</li> <li>10/100Mbps Link/Activity</li> <li>FDX/COL</li> <li>FX</li> </ul>
EMC Compatibility	<ul style="list-style-type: none"> <li>FCC Part 15 Class A</li> <li>VCCI-I</li> <li>CE</li> </ul>

## Ordering Information

FSW-1610TX	<ul style="list-style-type: none"> <li>16 Port 10/100Mbps Fast Ethernet Switch</li> </ul>
FSW-2410TX	<ul style="list-style-type: none"> <li>24 Port 10/100Mbps Fast Ethernet Switch</li> </ul>