## 24-port Fast Ethernet/ 1 slide-in 100 Base-FX Web Smart Switch

**LevelOne's** Fast Ethernet Web Smart Switch FSW-2470 is equipped with 24 10/100Mbps-port Fast Ethernet and one slide-in slot for fiber modules to provide a cost-effective office network solution while operating in a reliable, extremely high-performance environment.

With optional single- or multi-mode fiber modules in SC connector, the FSW-2470 is able to interface with your copper or fiber network simultaneously to provide maximum throughput non-blocking, wire-speed switching. Each of the RJ-45 ports can auto negotiate for the best possible performance running either in full- or half-duplex mode. This unit also supports Auto-MDIX on all ports to allow up-linking to another switch-free crossover or straight cable selection. Half-and full-duplex flow control prevents packets from being dropped under heavy loading.

Friendly web management features are ready for users easily to configure and maintain the device through a general web browser. You can partition the switch into 24 groups using port-based VLAN technology. This switch also supports Class of Service (CoS) to prioritise traffic for time-sensitive applications.

For instant error detection, the switch is equipped with a full range of LEDs to help you monitor and troubleshoot problems on your network. Offering compact design (441 mm x 120 mm x 44 mm) with a rack-mounted kid, the FSW-2470 can be mounted in an EIA standard size, 19″ Rack and placed in a wiring closet with other equipment to support reliable operations in extreme operating environments.
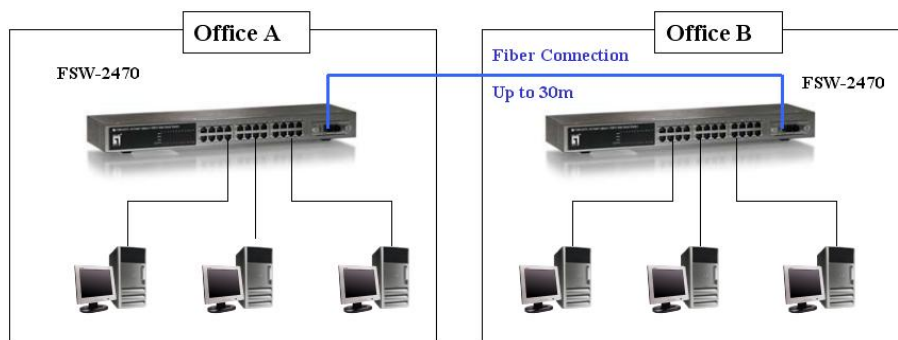


**FSW-2470**

## Key Features

- 24 10/100Mbps ports plus 1 slide-in slot
- Complies with IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX /100Base-FX
- Optional fiber modules for copper/ fiber network integration
- Web-based management interface
- Supports port-based VLAN
- Non-Blocking full wire speed architecture

- Supports IEEE802.1p Class of Service
- Supports IEEE802.1x flow control
  - Pause frame for 10/100/1000Mbps full duplex
  - Back-pressure for 10/100Mbps half duplex
- "At-a-glance" LEDs for port and system status monitoring
- 19″, 1U rack-mountable size

## Technical Specification

- **Standards Compliance**
  IEEE 802.3 10BASE-T Ethernet
  IEEE 802.3u 100BASE-TX/100BASE-FX
  IEEE 802.3x Flow Control and Back Pressure
- **Connector**
  10/100TX: 24 x RJ-45
- **Protocol**
  CSMA/CD
- **MAC Address Table**
  4K entries with Auto learning function
- **Memory**
  Packet Buffer: 1.25Mbits
- **Transfer Rate**
  14,800 Packets per second for 10Mbps
  148,800 Packets per second for 100Mbps
- **Network Cables**
  10Base-T: 2-pair UTP/STP Cat.3/4/5, Up to 100 m
  100Base-TX: 2-pair UTP/STP Cat. 5, Up to 100 m
- **Back Plane**
  4.8 Gbps
- **Switch Architecture**
  Store-and-Forward
- **LEDs**
  Per Device: Power
  Per 10/100Base-TX: Link/Activity, Full duplex/Collision
  Module: Link, Full duplex/Collision, TX, RX
- **Management**
  Web Interface management

- **Port Configuration**
  Link speed/ Link mode
  Port disable/Enable,
  Port flow control disable/ Enable,
  Port Auto negotiation
- **VLAN**
  Port-based VLAN, entry up to 24 groups
- **QoS**
  - TCP/IP ToS/DiffServ priority field
  - IEEE 802.1p priority tag
- **Class of Service**
  2 queues for High/ Low priority
- **Firmware Upgrade**
  TFTP firmware upgrade
- **DHCP Client**
  Enable/Disable
- **Power Supply**
  100~240VAC, 50/60Hz, 3.3V/7A
- **Power Consumption**
  15 Watts (max)
- **Temperature**
  Operating: 0° C ~45° C
  Storage: -10° C ~70° C
- **Humidity**
  Operating: 10% ~ 90% (Non-condensing)
- **Dimension**
  440mm(W) * 120mm(D) * 44mm(H)
- **EMI and Safety**
  FCC Class A, CE

## Product Diagram



## Ordering Information

- FSW-2470:        24 Fast/ 1 slide-in 100 Base-FX Web Smart Switch
- MDU-2470FXC:   1-port SC 100FX multimode module (2km)
- MDU-2470F30:    1-port SC 100FX single mode module (30km)