

16/24 Port^{10/100Mbps} Smart Switch



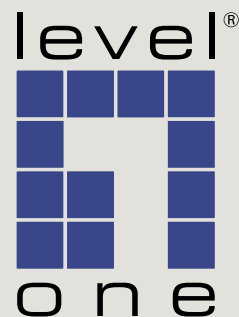
Key Features

- Complies with IEEE 802.3 and IEEE 802.3u standards
- Support full and half duplex operation
- One Up-link port for MDI-II connection
- One optional 100Base-FX module for long distance extension
- Supports standard flow control Back-pressure on half-duplex and IEEE802.3x on full duplex operation
- Port Trunking for up to 800Mbps links, which offers maximum bandwidth and redundancy between switches or/and switch-servers
- Powerful Virtual LAN support increase network security and optimizes network traffic
- Full wire-speed for maximum network performance
- FlexButton and EVD (Easy Visual Display) easy to use configuration interface

FSW-1607TFX
FSW-2407TFX
16/24 Port 10/100Mbps
Smart Switch

Let the
net
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16/24 Port 10/100Mbps Smart Switch



The LevelOne FSW-1607/2407TFX 16/24 Port 10/100Mbps Smart Switch is Plug and Play, and very easy to use. This series offers high-level flexibility, and functionality in virtual grouping, along with rich bandwidth and long-distance connection capabilities for future network. The FSW-1607/2407TFX Smart Switch supports 10/100Mbps Auto-Negotiation on each port, while automatically detecting the port for 10/100Mbps speed and duplex transmission mode to optimize bandwidth. It's a hassle-free installation.

With a cost-effective and easy implemented design, the FSW-1607/2407TFX Smart Switch is easily deployed for desktop connections, providing individual power users with the bandwidth they need. Dedicated 10 or 100Mbps ports eliminate network collision to ensure smooth uninterrupted performance, while switched 100Mbps ports support high-speed, high-performance backbone or server connections.

To meet your company's growing needs, the FSW-1607/2407TFX Smart Switch offers advanced features, such as virtual grouping and link aggregation. Virtual grouping provides an efficient way to implement security and optimize traffic flow on your network. Link aggregation eliminates the network bottleneck when the network is overloaded. The built-in advanced features-virtual grouping and link aggregation provides a seamless way of integration and hassle-free migration without an additional investment.

The FSW-1607/2407TFX Smart Switch provides a user-friendly configuration interface to meet your network growing with FlexButton and Easy Visual Display (EVD). The FlexButton feature provides four buttons for easy configuration of the Virtual Grouping (VLAN) and Link Aggregation (Port Trunk). The intuitive configuration interface provides users with a simple way to set up the hardware with just few clicks on the front panel. It's easier than ever-no annoying console cables or additional software installation is needed.

The FSW-1607/2407TFX Smart Switch provides an expansion slot for the purpose of future network expansion. The expansion slot supports an optional 100Base-FX fiber-optic module. It allows users to easily extend the network up to 2 kilometers. Another advanced feature-link aggregation provides rich bandwidth up to 800Mbps for inter-switches connections. It eliminates the network bottleneck when the network is growing and needs additional switches for the growing number of users.

The FSW-1607/2407TFX Smart Switch supports virtual grouping. This feature can help company to manage different workgroups, preventing security breaches on the network. It can optimize traffic flow to avoid unnecessary traffic flood into other groups.

Product Specifications

Standards Conformance	<ul style="list-style-type: none"> IEEE802.3u 100Base-TX, 100Base-FX 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
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"> 1K Media Access Control (MAC) Addresses
Buffer Memory Size	<ul style="list-style-type: none"> FSW-1607TFX: Dynamic 2M Bytes per unit FSW-2407TFX: Dynamic 3M Bytes per unit
Virtual LAN Support	<ul style="list-style-type: none"> Virtual network grouping by port-based
Port Trunking Support	<ul style="list-style-type: none"> Link aggregation up to 800Mbps
Flow Control	<ul style="list-style-type: none"> Standard back-pressure on half-duplex mode, Partition/Link, Standard IEEE802.3x on full-duplex mode
FlexButton	<ul style="list-style-type: none"> Mode, Port Set, Group, Reset
Dimensions	<ul style="list-style-type: none"> 441mm x 44mm x 230mm (W x H x D)
Temperature	<ul style="list-style-type: none"> Operation Temperature: 0°C-50°C Storage Humidity: 5% to 90% RH
Humidity	<ul style="list-style-type: none"> Operation Humidity: 10% - 90% RH Storage Temperature: -20°C-70°C
Status LEDs	<ul style="list-style-type: none"> Per Unit: Power, VLAN, VLAN Group, Trunk, Trunk Group Per Port: 100Mbps, Link/Activity, FDX/Collision
Safety Compliance	<ul style="list-style-type: none"> UL, cUL, TUV, CE
EMC Compatibility	<ul style="list-style-type: none"> FCC Part 15 Class A, VCCI Class A, C-Tick, EN55022 Class A, CE

Ordering Information

FSW-1607TFX	<ul style="list-style-type: none"> 16 Port 10/100Mbps Smart Switch
FSW-2407TFX	<ul style="list-style-type: none"> 24 Port 10/100Mbps Smart Switch