

2 Port 10/100Mbps Fast Ethernet Fiber switch



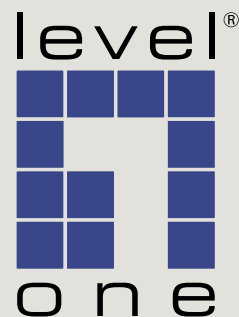
Key Features

- Complies with the IEEE802.3 Ethernet and IEEE802.3u Fast Ethernet standard
- Features Store and Forward mode with wire-speed filtering and forwarding rates
- Full/Half-Duplex capability on every TX ports, total bandwidth is up to 200Mbps /per port
- IEEE802.3X flow control for full duplex operation
- Total 1792 MAC address
- Filtering and forwarding rates 148,810 packet per second for 100Mbps
- Routing decision less then 0.5us
- Two slide switch for setting each port from MDI-II mode MDI-X mode

FSW-2102TFXT
FSW-2102TFXC
2 Port 10/100Mbps Fast
Ethernet Fiber Switch

Let the
net
work

2 Port 10/100Mbps Fast Ethernet Fiber switch



LevelOne Switches-Your link to the future

The FSW-2102TFXT/2102TFXC 2 Port 10/100Mbps Fast Ethernet Fiber Switches from LevelOne provide you with the right connectivity to set up your LAN quickly and easily. Half-duplex and full-duplex capability is supported on both TX and FX ports, providing bi-directional transmission that boosts bandwidth up to 200Mbps for each port. The units comply with the IEEE802.3x standard providing adequate flow control between communicating devices for full-duplex operation. To ensure the accuracy of transmitted digital data, CRC (Cyclical Redundancy Checking) is supported. CRC is an error checking technique that compares data between the sent and received messages; if the data does not match it detects an error.

Intelligent message transmission

The FSW-2102TFXT/2102TFXC switches' Store-and-Forward is one type of packet-forwarding techniques.

A Store-and-Forward Ethernet Switching stores the incoming frame in an internal buffer, do the complete error checking before transmission.

Therefore, no error packets occurrence. It is the best choice when a network needs efficiency and stability.

The all-round SOHO solution

LevelOne's FSW-2102TFXT/2102TFXC switches are the right solution for the small business or business-at-home user. Setup is virtually plug and play, with Up-link ports allowing for easy expansion to additional switches or a hub. The fiber optic network interface providing the ability with extending distance up to 2 KM.

The front panel LEDs provide a status overview of all the stations on your network that includes port link activity, speed, and collision. Moreover, by applying some simple diagnostics, you can isolate and quickly remedy any trouble spots in your network.

Product Specifications

| | |
|-------------------|--|
| Compatibility | <ul style="list-style-type: none"> • IEEE802.3u 100Base-TX /FX • IEEE802.3 10Base-T |
| Network Interface | <ul style="list-style-type: none"> • STP RJ45 port for 10/100Mbps auto-negotiation • SC/ST fiber optic for 100Mbps |
| 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 62.5/125 micro fiber optical cable |
| Forwarding Method | <ul style="list-style-type: none"> • Store and Forward |
| Transmission Mode | <ul style="list-style-type: none"> • Auto-negotiation (10/100Mbps, full/half-duplex) |
| Dimensions | <ul style="list-style-type: none"> • 190mm x 109mm x 41mm |
| Temperature | <ul style="list-style-type: none"> • Operating: 0°C to 50°C • Storage: -20°C to 70°C |
| Humidity | <ul style="list-style-type: none"> • Operating: 10% to 90% RH • Storage: 5% to 90% RH |
| Status LEDs | <ul style="list-style-type: none"> • Per Unit: Power OK LED • Per Port: link/activity, speed, FDX/COL LEDs |
| Input Power | <ul style="list-style-type: none"> • +7.5VDC, 1A |
| Emissions | <ul style="list-style-type: none"> • FCC Part 15 Class A, CE |

Ordering Information

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|--------------|---|
| FSW-2102TXFT | <ul style="list-style-type: none"> • 2 Port 10/100Mbps Fast Ethernet ST Fiber Switch |
| FSW-2102TSFC | <ul style="list-style-type: none"> • 2 Port 10/100Mbps Fast Ethernet SC Fiber Switch |