

Ether-FSH2400NS

24-port Rack Mountable Fast Ethernet Switch

The Ether-FSH2400NS is our second generation 24-port WinSmart Management switch in a compact 13-inch enclosure that can be mount on 19-inch rack. Unlike compact metal switches from other makers, It comes with built-in power supply so no external power adapter is needed.



Windows Remote Management software(RRCP)

Conventionally, configuring a switch's smart management will require users to attach the computer (serial or printer port) directly to the switch's console port. With Ether-FSH2400NS's in-band management capability, users can configure the switch through the Ethernet network. The included Windows management software provides a very simple point-and-click interface to set all the functions. Best of all, the management utility can configure several switches at the same time. (please download the user's guide for more details)



Powerful Management Features

The Ether-FSH2400NS is equipped with many practical management functions.

- **Loop detection** alert the user when there is a loop formed inside the network on the front panelLED.
- Individual **Traffic report**for the Tx, Rx, Collison, and CRC error packets.
- **Cable Tester**and Signal Strength indicator Functions
- Per-port bandwidth control allow limiting the outgoing and incoming bandwidth separately for each port (choose from 128Kbps, 256Kbps, 512Kbps, 1Mbps, 2Mbps, 4Mbps, and 8Mbps).
- Central Switch management: Configure several switches at the same time.
- Port Base VLAN, up to 23 groups
- Password Keys and Management
- Port settings Port Mirror Functions
- Quality of Service for multimedia applications: the 802.1p compliance provide priority traffic management based on port, vlan-, or TCP/IP Differserv information.
- Link aggregation increase the uplink speed by allowing up to 6 trunk in group of 4 ports.
- IGMP Snooping for IP multicast group management
- Broadcast Storm control prevent the broadcast traffic from overflowing the network.



Specification

Standard Compliance

- IEEE 802.3 10Base-T Ethernet
- IEEE802.3u 100BaseTX standard
- IEEE 802.3u Nway auto-negotiation
- IEEE802.3x flow control for full duplex, back-pressure for half-duplex
- IEEE 802.1p QoS
- IEEE 802.3ad link aggregation

Hardware Feature

- 24 x 10/100Base-TX Nway ports
- Auto MDI/MDI-X function
- Factory Reset Button
- Store-and-Forward architecture
- Non-blocking wire speed switching architecture
- 8K MAC address
- 2.5Mbit Embedded memory Buffer.
- 8.8 Gbps Throughput
- Shared frame buffer with starvation control
- LEDs
- Power, Loop, Trunk
- Link/ACT, FDX/COL, 100M

Smart Remote Managements:

- Windows Remote Management Software(RRCP)
- Configure several switches on one program
- Management through Ethernet network
- Automatic Configuration backup and management password protection
- Bandwidth Control
 - Separate Tx and Rx speed limit control for each port
 - 128Kbps, 256Kbps, 512Kbps, 1Mbps, 2Mbps, 4Mbps, 8Mbps option

- VLAN
 - Up to 23 VLAN groups, up to 24 ports per VLAN group
 - Port based VLAN
 - Unicast Inter-VLAN control
 - ARP Broadcast Inter-VLAN control
 - IP Multicast Inter-VLAN control
- 802.1p Priority: 2-level , Port Based, IP Based DifferServ
- Cable and Signal Testers
- 802.3ad Link Aggregation: 6 Trunk in group of 4 ports
- IGMP Snooping for IP multicast group management
- Broadcast Storm Control to limit broadcast traffic
- Status on bandwidth utilization, byte count, collision, CRC, packet count, MIB counter
- Loop detection LED on the front panel
- Diagnostic software detects Trunking and Loop fault
- Port speed, Duplex Mode, Flow Control

Dimensions: 330 x 162 x 44 mm, 19" rack mountable

Weight: 1.6 kg

Built-in power supply: 100~240 VAC, 50 ~ 60 Hz, 0.4 A, 10 Watts max.

Safety/EMI: meet UL, FCC, CE, Korea EMI standard

Ordering Information

Ether-FSH2400NS 24-port WinSmart Fast Ethernet Switch