

# OvisLink

## FSH2400RS

### Win-Smart 24-port Fast Ethernet Switch

#### Feature Summary

- \* 24 x 10/100Base-TX auto MDI/MDI-X ports
- \* Windows Remote Management Capability
- \* Auto Configuration Restore and Password Protection
- \* Bandwidth Control, Tag VLAN, Trunking, Priority, IGMP, Broadcast Storm Control, Loop Detection.



#### Feature

The Ether-FSH2400RS is a high performance 24-port port fast Ethernet switch with remote management capability. It features an array of impressive management functions at the similar price level as an unmanaged switch.

#### Windows Remote Management software



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-FSH2400RS's in-band management capability, users can configure the switch remotely through the Ethernet network. The included Windows management software provides a very simple point-and-click interface to set all the functions. Users can even backup settings to be restored in the future. Best of all, the management utility can **configure several switches** at the same time.

#### Powerful Management Features

The Ether-FSH2400RS is equipped with many practical management functions.

- Per-port bandwidth control allow limiting the outgoing and incoming bandwidth separately for each port.
- Central Switch management: Configure several switches at the same time.
- 802.1Q tag VLAN enables VLAN assignment across different switches. The switch even provides controls to let single-cast, multi-cast, or broadcast traffic to pass between VLANs.
- Quality of Service for multimedia applications: the 802.1p compliance provide priority traffic management based on port, vlan-tag, or TCP/IP TOS information.
- Link aggregation increases the uplink speed by allowing up to 7 trunk groups in 2 or 4 ports.
- IGMP Snooping for IP multicast group management

- Broadcast Storm control prevents the broadcast traffic from overflowing the network.
- Loop detection alert the user when there is a loop formed inside the network on the front panel LED. The management software's diagnostic function even report, which ports the loop, occurs.
- Port setting port speed and duplex mode, flow control

Whether your current network requires management functions or not , the Ether-FSH2400RS provide those management functions without any extra cost for future needs. If you are looking for a reliable, powerful, and affordable 24-port 10/100Mbps switch, the Ether-FSH2400RS is your choice.

*\*Note: Comparing to Ether-FSH2400R, the Ether-FSH2400RS save configuration settings inside the switch and provide management password protection. We strongly recommend choosing this model for Office and S.I. environment.*

*\*Note2: The Windows remote management allow configuration of several switches using the same utility on the Ethernet network (but not over Internet)*

### 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/Q tag VLAN and 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 detect, DIAG
- **Smart Remote Managements:**
  - Windows Remote Management Software
  - 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 32 VLAN groups, up to 24 ports per VLAN group
    - Port based or 802.1Q

- Link/ACT, FDX/COL, 100M
- **Dimensions:** 432 × 180 × 44 mm, 19" rack mountable
- **Weight:** 2.7 kg
- **Built-in power supply:** 100~240 VAC, 50 ~ 60 Hz, 0.4A, 10 Watts max.
- **Safety/EMI:** meet UL, FCC, CE, Korea EMI standard
- tag VLAN
  - Ingress rule for ingress filtering control
  - Uncials Inter-VLAN control
  - ARP Broadcast Inter-VLAN control
  - IP Multicast Inter-VLAN control
- 802.1p Priority: 2-level , Port Based, IP Based(TOS), VLAN TAG(TCI)
- 802.3ad Link Aggregation: 7 Trunk groups in 2 or 4 ports
- IGMP Snooping for IP multicast group management
- Broadcast Storm Control to limit broadcast traffic
- Status on bandwidth utilization, byte count, packet count, MIB counter
- Loop detection LED on the front panel
- Diagnostic software detects Trunking and Loop fault
- Port speed, Duplex Mode, Flow Control