

# OvisLink

## SNMP-FSH2602G

### 24+2 SNMP/Web Management Switch

#### Features Summary

- \* 24 x 10/100Base-TX ports
- \* Gigabit/100BaseFX/GBIC/Mini-GBIC Modules
- \* SNMP, WEB, Telnet, Console Port Management
- \* RMON, MIB II, Bridge MIB, Private MIB



#### Feature

**W**ith the introduction of the SNMP-FSH2602G, OvisLink is set to revolutionize the SNMP management industry. For the first time, the full power of a complete SNMP switch is accessible through an extremely friendly web interface. All these are integrated into a compact rack-mountable case at an unprecedented price-performance level.

#### Impressive Hardware

The SNMP-FSH2602G features 24 Fast Ethernet ports with auto MDI/MDI-X function to eliminate the need for cross-over cables. The single module slot can accept either single or dual-port modules in 1000Base-T/-SX/-LX, 100Base-FX, GBIC or Dual-Mini-GBIC specifications. The dual fans with fan status LEDs on the front panel cool all this power. Furthermore, the port's status indicators are built adjacent to each port for fast viewing. Nevertheless, the impressive hardware is just the surface of the management power hidden beneath.

#### Phenomenal Power



The SNMP-FSH2602G is compliant with RFC1213(RMON groups 1, 2, 3, 9), RFC1493 (Bridge MIB), and RFC1643(Ether-Like MIB) SNMP standards. It features a full array of management function including Spanning Tree, IGMP Snooping, LACP Trunking, 802.1Q Port-Based VLAN, 802.1p Priority, Access and Security control, GVRP Automatic VLAN Assignment, 802.1v Protocol Based VLAN, RMON, and even the latest 802.1x authentication protocol. *The Ingress and Egress control allows administrators to limit the incoming and outgoing bandwidth of each port separately in 100K increments.* Veteran network administrators will appreciate most of the advanced management functions built-in. But even network apprentices can easily manage those functions with the detail explanations of OvisLink's user's manual. Most important of all, the intuitive web interface makes most configurations almost self-explanatory.

#### SNMP for Everyone



All management functions can be configured through WEB browser, SNMP Management software, Telnet, or the dedicated Console Port. The intuitive WEB interface is especially designed to allow simple and speedy configurations even for the most advanced functions. Take for example; click on a port of the switch image will bring all the status of the ports. Setting up protocol based VLAN is a simple point and click

operations. SNMP TRAP manager, Static MAC Address Entry, Broadcast storm suppression... all are graphically displayed to minimize setup confusions. Now, users can truly enjoy the benefit of SNMP management without fear of being intimidated by its complexity. Best of all, OvisLink will continue to provide more features through the upgradeable firmware

The SNMP-FSH2602G not only provides most SNMP management features, it implements every single function thoroughly. If you are looking for a full-featured yet friendly SNMP/WEB management switch, look no further. The SNMP-FSH2602G is tailored made for your network.

### **Specification:**

- **Standard Compliance**

- IEEE 802.3 10BaseT Ethernet
- IEEE 802.3u 100BaseTX Fast Ethernet
- IEEE 802.3ab 1000Base-T Gigabit Ethernet over Cat.5 cable
- IEEE 802.3z 1000BaseSX/LX Fiber Gigabit Ethernet
- IEEE 802.3x flow control
- IEEE 802.1d Spanning Tree
- IEEE 802.1p Priority Control
- IEEE 802.1q Tag VLAN
- IEEE 802.3ad Link Aggregation
- IEEE 802.1v Protocol Based VLAN classification
- RFC1213 (RMON groups 1, 2, 3, 9), RFC1493 (Bridge MIB), and RFC1643 (Ether-Like MIB)

- **Management Functions**

- Bandwidth control for each port in 100kbps increment
- Flow control for both half- or full-duplex operation
- Head-of-Line blocking prevention
- Broadcast storm filtering
- Port Status
  - On/Off, Link, Auto Negotiation, Speed, Duplex, Flow Control, Ingress/Egress, Priority, Security
- Port Traffic Statistics
  - Tx Good Packets, Rx Good Packets, Tx Bad Packets, Rx Bad Packets, Tx Abort, Collision, Drop Packets
- VLAN
  - Port-based VLAN
  - 802.1Q tag- VLAN with both IVL and SVL Support
  - 802.1v protocol-based VLAN classification

- Supporting Protocols: IP, ARP, AppleTalk, AppleTalk AARP, Novell IPX, Banyan Vines, DECnet MOP, DECnet DPR, DECnet, LAT, DECnet LAVC, IBM SNA, X.75 Internet, X.25 Layer 3
      - GVRP Auto VLAN Configuration
    - IP Multicast
    - IGMP
    - Support 802.1p 2-level priority queuing
    - Port-Trunking
      - Flexible load distribution control and fail-over functions
      - Provide 7 trunk groups of up to 4 member ports within 26 ports
      - LACP Trunking
    - Ingress port security mode
    - RMON group 1,2,3,9
    - Auto Aging Control
    - Port Sniffer Function
    - MAC Address Control
      - Static MAC Address list to speed up MAC Address learning
      - Filter MAC Address List to drop traffic from certain stations
    - SNMP Trap Manager
    - Security Manager
    - Firmware update through TFTP or Xmodem
  - **Management Interface**
    - Web
    - SNMP Management Software
    - Telnet
    - RS-232 Console Port (out of band)
  - **Hardware**
    - 24 x 10/100Base-TX Nway, auto-sensing ports
    - Auto MDI/MDI-X to eliminate needs for cross-over cabling
    - Single Module Slot for optional
      - 1-port or 2-port 1000Base-T(copper), 1000Base-SX(Fiber), 1000Base-LX(Fiber) Gigabit modules
      - 1-port or 2-port 100Base-FX Fiber Modules
      - 2-slot Mini-GBIC module
    - RS-232 Console Port for out-of-band management
    - 3M bit packet buffer and 1M bit control buffer
    - Up to 14K MAC entries and 4K VLAN entries

- Dual fans for extra cooling
- LEDs:
  - Power, Diag, FAN1, FAN2
  - Port LEDs (LINK/ACT on the left, 100M on the right) built adjacent to the sides of each port
- 19" inch rack mountable
- **Power**
  - Built-in Power Supply
  - Input: 90-260VAC, 50/60Hz
  - Consumption: 36-Watts max.
- **Regulation**
  - FCC Part 15 Class A
  - CE mark, Class A
- **Dimension**
  - 440mm (W) X 184mm (D) X 44mm (H)
- **Weight**
  - 2 KG

#### Ordering Information:

SNMP-FSH2602G      24+2 SNMP/WEB Management Switch

#### Modules

- **GEM-1102T-2602**      1000Base-T Copper Gigabit module, 2 RJ-45 ports
- **GEM-1101SX-2602**      1000Base-SX Fiber Gigabit module, 1 SC Port
- **GEM-1102SX-2602**      1000Base-SX Fiber Gigabit module, 2 SC ports
- **GEM-1101LX-2602**      1000Base-LX Fiber Gigabit module, 1 SC Port
- **GEM-1102LX-2602**      1000Base-LX Fiber Gigabit module, 2 SC ports
- **GB-1102XT-2602**      1 x GBIC multi-mode + 1 x 1000Base-T
- **GB-1102LT-2602**      1 x GBIC single mode + 1 x 1000Base-T
- **MGB-1102XT-2602**      1 x 1000Base-T + 1 x Mini-GBIC multi-mode
- **MGB-1102XX-2602**      2 x Mini-GBIC multi-mode
- **GEM-101FX-2602**      100Base-FX module, 1 SC port
- **GEM-102FX-2602**      100Base-FX module, 2 SC ports