24 Port RJ45 with 4 SFP Gigabit web smart switch

SNMP-GSH2804L

The SNMP-GSH2804L is a 28-port Gigabit SNMP Web smart Switch. The device has 24 10/100/1000Base-T ports and 4 x 1000M SFP fiber ports. This Switch can be used to build high-performance switched workgroup networks.

The SNMP-GSH2804L can be managed through Ethernet port using Web-based management unit. In addition, the switch features comprehensive and useful functions such as VLAN, Trunk/Aggregation, QoS , RSTP, IGMP Snooping, SNMP, Loop Detection, Broadcast Strom via the intelligent software. It is suitable for office applications.

Support 802.1d Spanning Tree and 802.1w Rapid Spanning Tree

For mission critical environments with multiple switches supporting STP, you can configure the switches with a redundant backup bridge path so transmission and reception of packets can be guaranteed in event of any fail-over switch on the network.

Broadcast/Multicast/unknown-unicast Storm Control

To limit too many broadcast/multicast/unknown-unicast flooding in the network, these storm control functions is used to restrict excess traffic. Threshold values are available to control the rate limit for each port. Packets are discarded if the count exceeds the configured upper threshold.
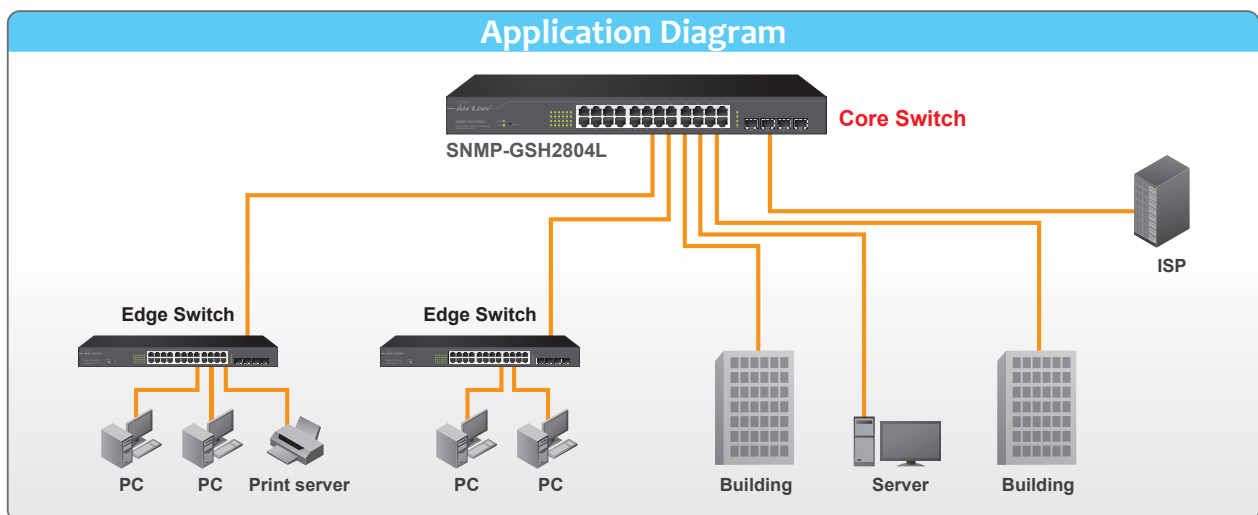
enterprise-level security control

SNMP-GSH2804L can setup multiple accounts for admin who can manage or change the setting of the switch and for users who can only check the status. This is very important for the MIS.

SFP Fiber port for long distance connectivity

SNMP-GSH2804L come with 4 SFP fiber and it can work with SX or LX SFP module. So it allow the MIS to connect two building up to 80Km.

Application Diagram

SNMP-GSH2804L — Core Switch — ISP — Edge Switch — PC — PC — Print server — Edge Switch — PC — PC — Building — Server — Building

Standard

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3ab
- IEEE 802.3x Flow Control
- IEEE 802.3az Energy Efficient Ethernet
- IEEE 802.1q VLAN (Port Based and Tag Based)
- IEEE 802.1p Class of Service, Priority Protocols
- IEEE 802.1d Spanning Tree Protocol
- IEEE 802.1w Rapid Spanning Tree Protocol

Interface

- 24 X 10/100/1000Mbps ports RJ-45 NWay ports
- 4 X SFP 100/1000Mbps ports
- 1 X Reset button

Number of Port

- 28

MAC Address

- 8K

Buffer Memory

- 524.8K Bytes

Jumbo frames

- 10KB

Transmission Method

- Store and Forward

Features

- Spanning Tree Protocol (STP)
- IGMP v2/v3 Snooping
- Port mirroring
- Broadcast Storm protection
- Port Setting
- Link aggregation
- STP/RSTP
- LLDP
- SNMP
    - SNMP version1, v2c with support for traps
- Reset Button
- VLAN - 802.1Q tag-based VLAN
         - Port-based VLAN
         - Voice VLAN
- Quality of Service(QoS)
- Multicast
- Security
- Diagnostics
- Firmare update
- Configuration Backup
- Account Management

Operating Temerature

- 0℃ ~ 50℃ (32°F ~122°F)

Operating Humidity

- 5% ~ 90% RH, non-condensing

Transmission Mode

- 10/100Mbps - Full-duplex
                  - Half-duplex
- 1000Mbps   - Full-duplex

Led Indicators

- 1 X Power LED(Green)
- 1 X System LED(Green)
- 24 X Gigabit port LEDs(Link/Act: Green)
- 4 X SFP port LEDs(Link/Act: Green)

Power Input

- 100-240 VAC 50~60 Hz, internal , universal

Dimensions

- 441*131*44 mm

Certification

- FCC
- CE Class A
- LVD

Weight

- 3Kg

Power Consumption

- 20.7W (Full loading)

Ordering Information:

AirLive SNMP-GSH2804L   24 Port RJ45 with 4 SFP gigabit web smart switch