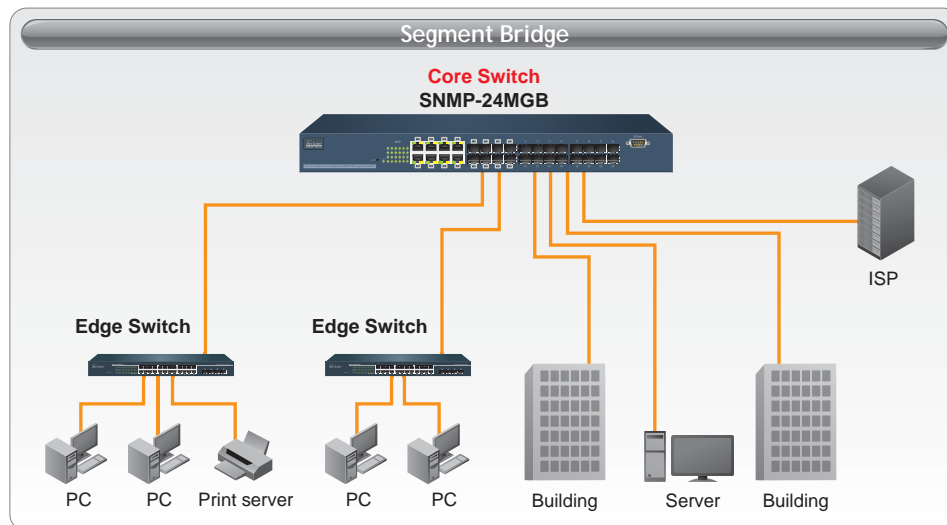


SNMP-24MGB

24+8 Combo Pure Gigabit SNMP Managed Switch

The SNMP-24MGB is a 24-port Gigabit L2+ Managed Switch with 8-Port Gigabit TP/SFP slots and 16-Port Gigabit SFP slots. This Switch can be used to build high-performance switched workgroup networks. The switch can be managed through RS-232 serial port via directly connection, or through Ethernet port using CLI or Web-based management unit, associated with SNMP agent. In addition, the switch features comprehensive and useful functions such as QoS, Spanning Tree, VLAN, Port Trunking, Bandwidth Control, Port Security, SNMP/RMON, IGMP Snooping capability via the intelligent software. It is suitable for both metro-LAN and office applications.



IP Stacking

The SNMP-24MGB includes the IP stacking function that allows administrator to manage up to 16 stackable switches as a unit group. This makes network configuration and management much more convenient.

QoS with four priority queues

The switch supports not only Layer 2 802.1p Priority Queue control, but also supports programmable higher layer classification and prioritization to enable enhanced Quality of Service (QoS) support for real time applications base on information taken from Layer 2 to Layer 4, such as VoIP

802.1x Access Control Improve Network Security

T802.1x features enable user authentication for each network access attempt. Port security features allow you to limit the number of MAC addresses per port in order to control the number of stations for each port. Static MAC addresses can be defined for each port to ensure only registered machines are allowed to access. By enabling both of these features, you can establish an access mechanism based on user and machine identities, as well as control the number of access

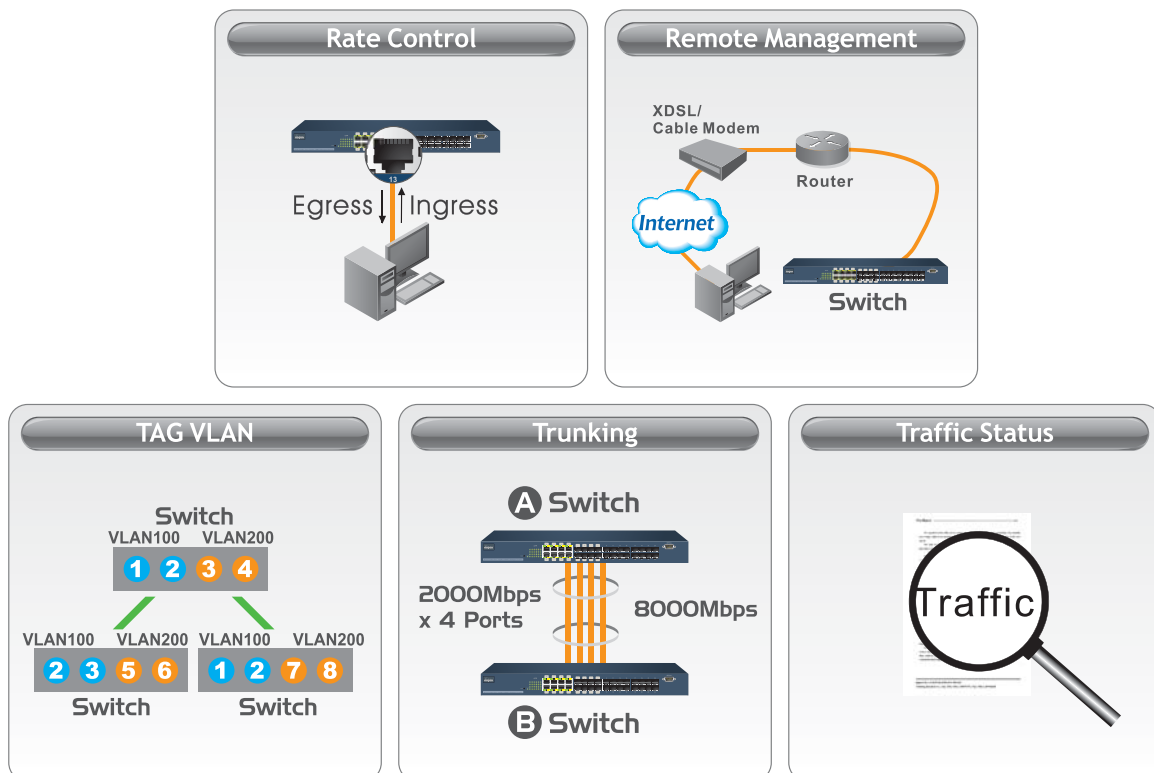
802.1D Compatible, 802.1w Rapid Spanning Tree and 802.1s Multiple Spanning Tree

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.

Power saving

This function provides power saving for reducing the power consumption with "ActiPHY Power Management" and "PerfectReach Power Management". It could efficiently save the Switch Power when the clients are in idle status and detect the cable length to provide different power.

If you are looking for a full featured yet friendly SNMP management switch, look no further. The SNMP-24MGB is your best choice for your network application



Specifications

Standard

- IEEE802.3 10BASE-T
- IEEE802.3u 100BASE-TX/100BASE-FX
- IEEE802.3z Gigabit SX/LX
- IEEE802.3ab Gigabit 1000T
- IEEE802.3x Flow Control and Back pressure
- IEEE802.3ad Port trunk with LACP
- IEEE802.1d Spanning Tree Protocol
- IEEE802.1w Rapid Spanning Tree Protocol
- IEEE802.1s Multicast Spanning Tree Protocol
- IEEE802.1p Class of service
- IEEE802.1Q VLAN Tagging

Interface

- 8 x 10/100/1000Mbps/Mini-GBIC ports, Auto-negotiation, Auto-MDIX ports
- 6 x mini GBIC ports

Switch architecture

- Store and forward switch architecture.
- Back-plane up to 48Gbps

MAC address

- 8K

Feature

- Telnet/ Web/ SNMP v1,v2c management, RS-232 console management
- RFC Standard
 - SNMP agent : MIB-2 (RFC 1213)
 - Bridge MIB (RFC 1493)
 - RMON MIB (RFC 1757)-statisticsn
 - Ethernet-like MIB (RFC 1643)
 - Enterprise MIB
- SNMP Trap
 - Trap station up to 6
- TFTP and Console firmware upgradeable
- Port Trunk
 - Support IEEE802.3ad with LACP function.n
 - Up to 12 trunk groups and group member up to 16.
- Supports IEEE802.1d STP & IEEE802.1w RSTP, IEEE802.1s MSTP
- VLAN
 - SVL/IVL configuration to meet your VLAN requirement

- Port based VLAN
- IEEE 802.1Q Tag-base VLAN, 4094 max, up to 4094 active VLANs including static and dynamic entry
- Tag-base VLAN supports egress/ingress packet filter
- Q-in-Q VLAN for enabling subscriber aggregation
- Management VLAN for managed policy
- GVRP/GARP
- QoS policy
 - Supports QCL for L4 TCP/UDP port and ToS classificationn
 - Supports 802.1p QoS with 4 level priority queuen
 - Supports priority in a Q-in-Q tag
- Supports IGMP snooping and IGMP proxy
- Supports IP stacking, up to 16 units
- Limit number of MAC addresses learned per port static MAC addresses stay in the filtering table
- Supports Port Mirroring
- Supports Flooded Unicast / Multicast / Broadcast Storm Control
- Supports ingress and egress per port bandwidth control, per level 500 Kbps ~ 1000000 Kbps or 1 Mbps ~ 1000 Mbps
- Supports 802.1x access control for port-based authentication|Support Access Control List
- Support IP-MAC-port binding
- DHCP relay agent (option 82)
- Support "ActiPHY Power Management" and "PerfectReach Power Management" to save the Switch's power consumption
- WDM Bi-Directional SFP Module Support
- SFP-SX
 - 1000Base-SX MiniGBIC Fiber Gigabit Transceiver, LC connector, v2
- SFP-LX-10
 - 1000Base-LX MiniGBIC Fiber Gigabit Transceiver, LC connector, 10km, v2

Memory

- 1392KB for packet buffer

LED

- System power
- 10/100/1000M TP Port 1 to 8: LINK/ACT,10/100/1000Mbps
- 1000M SFP Fiber Port 1 to 24: SFP(LINK/ACT)

MTBF

- 63759 (hr)

Temperature

- Operating: 0 to 40°C
- Storage: -10 to 70°C

Power

- Built-in Power Supply
- Input: 100-240VAC, 50/60Hz, 1A(MAX.)
- Consumption: 17.9 Watts (max.)

Humidity

- Operating: 10% ~ 90%
- Storage: 5% ~ 90%

EMI & safety

- FCC Class A, CE/EN60950

Power

- 100~240VAC 50/60Hz (maximum)
- Power consumption 40 Watts

Produce Weight (g)

- 2900 g

Dimensions

- 442 x 209 x 44 mm

Ordering Information:

AirLive SNMP-24MGB 24+8 Combo Pure Gigabit SNMP Managed Switch

Optional Accessories:

SFP-SX 1000Base-SX MiniGBIC Fiber Gigabit Transceiver, LC connector, v2
SFP-LX-10 1000Base-LX MiniGBIC Fiber Gigabit Transceiver, LC connector, 10km, v2