

## 24 Port Gigabit WebSmart Managed Switch with 2 SFP Ports



### Product Overview

AIR802® Web Smart Ethernet switch offers enterprises the ability to deploy a solution in-between a simple unmanaged switch and fully managed switch with the performance and reliability of the more costly fully managed switch. The SW24MGSFP is cost effective with 2 gigabit SFP (mini GBIC) optical ports for connectivity to backbone networks delivering current or future video conferencing, images or large multimedia archives. Twenty four 10/100/1000 auto-negotiation gigabit ports over copper are supported by a 48 Gbps backplane and non-blocking wire-speed forwarding architecture.

Managing the switch is simple and intuitive via a web-browser based interface allowing easy configuration of ports, port trunking, QoS, VLANs and management. Optionally Simple Network Management Protocol (SNMP) may be utilized to manage the switch or via the console serial port.

The SW24MGSGP switch is ideal for any small business, the network edge or workgroups in larger company structures. A rich set of standards based features including significant QoS options for facilitating traffic prioritization, network security multicast and broadcast storm control provide a robust and reliable switch.

AIR802 is a worldwide manufacturer of quality wired and wireless networking products provide value throughout all sizes of organizations.

### SPECIFICATIONS

#### • Applicable Standards

- IEEE 802.3 10Base-T Ethernet
- IEEE 802.3u 100Base-TX Fast Ethernet
- IEEE 802.3ab 1000Base-T Gigabit Ethernet
- IEEE 802.3z Gigabit Ethernet
- IEEE 802.3x Flow Control
- IEEE 802.3ad Port Trunk with LACP
- IEEE 802.1w Rapid Spanning Tree
- IEEE 802.1x Port Access Authentication
- IEEE 802.1Q VLAN Tagging
- IEEE 802.1p Class of Service

#### • Ports

- 24 - RJ-45 10/100/1000BaseT/TX ports
- 2 - Gigabit mini GBIC/SFP slots
- 1 - Console port

#### • Media Interface Exchange

- Auto MDI/MDI-X adjustment for all twisted-pair ports

#### • Performance

- 48 Gbps nonblocking switching capacity
- 8K MAC Address
- Forwarding Rate 10/100/1000Mbps: 14880pps

- **LED Status Indicators**
  - Per Unit: Power Status
  - Per Port: Link/Activity, Speed (10/100 or 1000 Mbps)
- **Physical and Environmental**
  - Dimensions (W x H x D): 17.32 x 1.73 x 7.08 in. (440x44x180mm)
  - Weight: 5.05 lbs (2.408 kg)
  - Power: 100~240VAC, 50/60Hz
  - Power Consumption: <30 watts
  - Operating Temperature: 32° to 104°F (0° to 40°C)
  - Storage Temperature: -40 to 158°F (-40° to 70°C)
  - Operational Humidity: 10% to 90%, RH Non-Condensing
  - Storage Humidity: 10 to 90%, RH Non-Condensing
- **VLAN Capabilities**
  - Port-based VLAN, up to 24 groups
  - IEEE 802.1Q Tag-based VLAN, 4k
- **QoS Capabilities**
  - Port based priority
  - IEEE 802.1p or DSCP
  - Strict queue scheduling; Weighted Round Robin (WRR)
- **Link Aggregation**
  - Link aggregation via IEEE 802.3ad LACP
  - Eight groups / up to 24 ports maximum per group
- **Security**
  - IEEE 802.1X
  - Broadcast/Multicast/Unicast Storm Control
  - Source IP Filter per Port to Block Unwanted Access
- **Additional Features**
  - Port Mirroring
  - IGMP (V1, V2) Snooping
- **Management**
  - Web management (Web-based GUI)
  - Console management
  - SNMP v1/v2
  - LCAP status display
  - RSTP status display
  - IGMP status display
  - Ping allocation
- **Package Contents**
  - SW24MGSFP 24-Port Gigabit Smart Switch
  - AC Power Cord
  - Rack-mounting bracket and screws
  - Rubber Feet
  - User Guide
- **Product Warranty**

5-year limited hardware warranty and 90-day limited software warranty