

SWITCH ETHERNET



MANAGED ETHERNET SWITCH

24 Port Gigabit Managed Switch with 2 SFP Ports

SKU SW24MGSFP
Weight 7.0 lbs



Product Overview

AIR802® model SW24MGSFP is a managed Ethernet switch with 24 Gigabit ports offering enterprises, wireless Internet service providers and others the performance and reliability they need in their networks. 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. This model fully supports 64-bit SNMP counters.

The SW24MGSFP switch is ideal for any small business, the network edge or workgroups in larger company structures and wireless Internet service providers (WISP's). 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.

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



Dimensions (W x H x D): 17.32 x 1.73 x 7.08 in. (440 x 44 x 180mm)

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

Physical and Environmental

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)
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 Aggregations	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