

MEN-5210

Managed 8-port 10/100-TX + 1 Gigabit Multi-rate SFP
+ 1 100FX Layer 2 Access Switch



Overview

The MEN-5210 Managed Access Switch is an access switch built to be future-proof. Equipped with 8 10/100-TX ports plus 1 Gigabit SFP slot (100/1000Base-SX/LX/LHX) and 1 100FX port. The uplink SFP slot supports multi-rate Gigabit and Fast Ethernet.

The MEN-5210 is a Metro Ethernet Switch with several features suited for deployment in metro networks, particularly Fiber to the Home applications, including front-access power for ease of use in rack-mounted environments, and management features including SNMP, RMON, plus powerful security and network management tools such as fine-tuned VLAN control and RSTP.

The two options for uplink ports allow deployment to a medium-bandwidth site using the built-in fiber module at 100Mbps for uplink to the aggregation site. When downstream demand increases, the uplink can be switched to the SFP slot, using a Gigabit SFP module to allow up to 100Mbps per port to downstream devices or customers.

Specifications

Standards

IEEE 802.3	10Base-T
IEEE 802.3u	100Base-TX/FX
IEEE 802.3uz	1000Base-SX/LX
IEEE 802.1d	Spanning Tree Protocol
IEEE 802.1w	Rapid Spanning Tree Protocol
IEEE 802.3x	Flow Control
IEEE 802.1p	Priority Queues
IEEE 802.1q	VLAN Tagging

Ports

8 x 10/100-TX ports
1 x 100/1000Base-SX/LX/LHX SFP
1 x 100-FX fixed fiber port
1 x RJ-45 Console Port

Maximum Distances

Fiber Optic	Up to 80km
RJ-45	Up to 100m

Performance

Switching fabric	3.8 Gbps
L2 forwarding	2.8 Mbps
Packet buffer size	8Mbit
Max. Packet size	10k
Throughput	148,800 pps to 100Mbps ports 1,488,000 pps to 1000Mbps ports

Mechanical & Environmental

Power input	100~240V AC
Power consumption	14W max.
Operating temperature	0°C to 50°C
Storage temperature	0°C to 70°C
Operating humidity	10% to 80% RH
Storage humidity	5% to 95% RH

Dimensions & Weight

268 x 44 x 128 mm (W x H x D)
Weight: 1.2kg

Warranty

2 years

Features

Basic Features

LACP Support
Static Port Trunking
IGMP Snooping
DHCP Client/option 82
Spanning Tree Protocol
Rapid Spanning Tree Protocol
Loop Detection
Management VLAN
Network Storm Protection

User Security

MAC Filtering
MAC Limitation
RADIUS Support
802.1x Support (Port Authentication)
Port Isolation
Port Lock

Advanced Features

Cable Test
Host Denial-of-Service
Abnormal Traffic Detection
VLAN Stacking (Q in Q)

Traffic Management and QoS

Rate Limitation
Flow Control
802.1p Support
RMON (1, 2, 3, 9)
Weighted Round Robin
DSCP/ToS Support
Network Management
RJ-45 local console
Telnet CLI
SNMP v1, v2c
Web-based GUI
Port Mirroring
Firmware Upgradeable
Configuration back-up/restore
Port configuration, status, statistics

Ordering Information

MEN-5210

Managed 8-port 10/100-TX + 1 Gigabit
Multi-rate SFP + 1 100FX Access Switch