MEN-6328

24-slot 100FX SFP + 4 Gigabit SFP
Managed Aggregation Switch

Overview

The MEN-6328 is a high performance managed SNMP aggregation switch that provides users with 24 x 100Mbps Ethernet in SFP slots and 4 Gigabit SFP ports. The SFP slots support Multi-rate Gigabit and Fast Ethernet. The Web/SNMP management provides remote control capability that gives flexible network management and monitoring options.

Whether managed through "in-band" SNMP management station, internet web browser, or through "out-of-band" RS-232 console port, the MEN-6328 facilitates network operational control and diagnosis. For increased bandwidth application, MEN-6328 can accommodate up to 16 trunk groups with LACP link aggregation. Moreover, these trunk ports are with fail-over function to provide redundant back up if one or more of ports are malfunctioning. It also supports both 802.1Q VLAN and GVRP VLAN Registration thereby simplifying network traffic segmentation, broadcast domain extension and other associated benefits of constructing VLANs. The abundance of features translates into increased efficiency and performance in network administration.

Specifications

Standards

IEEE 802.3u	100Base-FX
IEEE 802.3z	1000Base-SX/LX/LHX
IEEE 802.3ad	Port Trunking
IEEE 802.1w	Rapid Spanning Tree Protocol
IEEE 802.3x	Flow Control
IEEE 802.1p	Priority Queues
IEEE 802.1q	VLAN Tagging
IEEE 802.1x	Port-based NAC

Ports

24 x 100Base-FX (SFP)
4 x GbE SFP
1 x RS-232 Console (DB-9 female)

Performance

Switching fabric	12.8Gbps
L2 Forwarding	9.6Mbps
MAC table	Up to 32k addresses
Packet buffer size	2M
Max. packet size	13,312 bytes

148,800/1,488,000 packets per second (pps) to 100/1000 Mbps ports

VLAN

Port-isolated and Tag-based (4KVIDs)

Wavelength

Depends on SFP module (see ordering information)

Quality of Service

Port-based
IEEE 802.1p tag
IPv4 ToS/DiffServ
source/destination MAC address

Maximum Distances

Fiber Optic	Up to 110km
RS-232	15m

Mechanical & Environmental

Power input	100 ~ 240VAC
Power usage	40W
Operating temperature	0°C to 50°C
Storage temperature	-20°C to 70°C
Operating humidity	10% to 80% RH
Storage humidity	5% to 90% RH

Safety & Emissions

FCC Part 15 of Class A & CE Approved
EN 60950

Dimensions & Weight

440 x 44 x 285 mm (W x H x D)
Weight: 4.5kg

Warranty

2 years

Features

Basic Features

LACP support
Static Port Trunking
IGMP Snooping (v1, v2, v3)
DHCP relay/Option 82
DHCP Snooping
Rapid Spanning Tree Protocol
Multicast VLAN Registration
Loop Detection
Port-based VLAN
VLAN Stacking (Q in Q)
Network Storm Protection
Management VLAN

User Security

MAC filtering
Port Isolation
Port-based Network Access Control
Access Control List L2/L3/L4
Port Lock

Advanced Features

Host Denial-of-Service*
Abnormal Traffic Detection*

Traffic Management and QoS

Rate Limitation
VLAN Tagging
Weighted Round Robin
DSCP/ToS support

Network Management

RS-232c local console
Telnet CLI
SNMP v1, v2c
Web-based GUI
RMON (1, 2, 3, 9)
Port Mirroring
Firmware upgradeable
Configuration backup and restore
Port configuration, status and statistics
Logout timer

Routing

Static Route*
OSPF*
RIP v1/v2*
VRRP