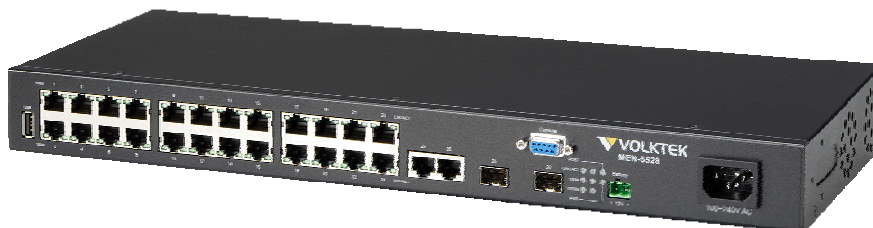


Product Introduction & Benefits



The **MEN-5528** is a high performance managed SNMP Layer 2+ switch that provides users with 24 X 10/100Mbps Ethernet and 2 Gigabit Combo 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 'out-of-band' on the RS-232 console port, the **MEN-5528** facilitates network operational control and diagnosis.

For increased bandwidth application, **MEN-5528** can accommodate up to 14 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.

Main Features:

Standards:

- IEEE: 802.3, 802.3u, 802.3ab, 802.3z, 802.3x, 802.3ad, 802.1d, 802.1w, 802.1q, 802.1p

Interface:

- 24 x 10/100Base-TX RJ-45 ports
- 2 x GbE Combo ports with 100 and 1000 Multi-rate SFP
- RS-232 Console (DB-9, Female)

Networking:

- Spanning Tree Protocol/Rapid Spanning Tree Protocol
- DHCP Client/snooping
- DHCP Relay/option 82
- IGMP Snooping/Querier
- Bandwidth Control & Network Storm Protection
- Loop Detection and Port Isolation
- 802.3ad LACP (Dynamic Aggregation)
- DSCP to 802.1p priority mapping
- 802.1x Port authentication
- ACL L2/L3/L4 security filtering

Management:

- Web-based GUI
- SNMP v2c
- RMON(1,2,3,9)
- Telnet/Console
- Command Line
- Port configuration, status, statistics, security
- Port mirroring
- Having backdoor algorithm
- Support Management VLAN
- Full VLAN (802.1q) and QinQ*
- Firmware Upgradeable
- Configuration Backup and Restore

Power:

- 100 ~ 240V AC auto-ranging power input
- 48VDC power option available
- +12VDC power option available
- 20W Max power consumption

Mechanical & Environmental:

- Desktop and rack-mountable unit
- Operating temperature: 0°C~50°C

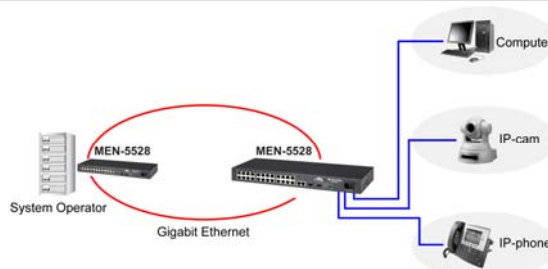


Specifications:

Standards:	IEEE 802.3u	100Base-TX	QoS:	Port-based, IEEE 802.1p tag, IPv4		
	IEEE 802.3ab	1000Base-T		ToS/DiffServ, Weighted Round Robin,		
	IEEE 802.3z	1000Base-SX/LX/LHX		4 Hardware Queues		
	IEEE 802.3ad	Port Trunking		Wavelength: Depend on SFP module		
	IEEE 802.3	10Base-T		Max Distances: 10/100/1000Base-TX: 100m		
	IEEE 802.1d	Spanning Tree Protocol		RS-232:	15m	
	IEEE 802.1w	Rapid Spanning Tree Protocol		Fiber Optic:	Up to 110km	
	IEEE 802.3x	Flow Control		Power:	Power Input:	100 ~ 240VAC
	IEEE 802.1p	Priority Queues				-48VDC(optional)
	IEEE 802.1q	VLAN Tagging				+12VDC(optional)
Ports:	24 x 10/100Base-TX (RJ-45)		Temperature:	Operating:	0°C to 50°C	
	2 x GbE Combo with 100 and 1000 Multi-rate SFP			Storage:	-20°C to 70°C	
	1 x RS-232 Console (DB-9, Male)		Humidity:	Operating:	10% to 80% RH	
				Storage:	5% to 90% RH	
Throughputs:	14,880/148,800/1,488,000 packets per second (pps) to 10/100/1000 Mbps ports		Emissions:	FCC Part 15 of Class A & CE Approved		
			Safety:	EN 60950		
MAC Table:	Up to 8K addresses		Dimensions:	173 x 440 x 44.5 mm (D x W x H)		
VLANs:	Port-based and Tag-based (4K VIDs)		Weight:	2300g		

Applications:

Designed for FTTx applications. The diagram on the right illustrates a typical MTU/MDU triple-play application for the MEN-5528 series. The actual distances will depend on several factors, including the quality of cables used and the terminal equipment employed.



Ordering Information:

MEN-5528: Managed 24-port 10/100+ 2FX/2G Multi-rate Access Switch	MEN-5528R: Managed 24-port 10/100 + 2FX/2G Multi-rate Access Switch with redundant power
MEN-5528D: Managed 24-port 10/100+ 2FX/2G Multi-rate Access Switch with DC-48V power supply	MEN-5528DR: Managed 24-port 10/100 + 2FX/2G Multi-rate Access Switch with DC-48V redundant power

* Available in future firmware upgrade

(Dec 2009)
Specifications subject to change without prior notice.