VERDELON

L3 Managed 48 Port 10G SFP+ Fiber Switch

FS-MG-0052-0003

Product Description

The L3 Managed 48 Port 10G SFP+ Fiber Switch features advanced Layer 3 management capabilities with 48 10G SFP+ ports and 4 40G QSFP+ ports. Designed for high-performance networking, it offers extensive fiber connectivity and robust data handling capabilities.

Ports Interface

SFP+	48x 10G SFP+ ports
QSFP+	4x 40G QSFP+ ports
OOB Management Port	1x RJ45 management port
Console Port	1x RJ45 console management port

Technical Specifications

Management Layer	L2/L3
Packet Buffer Memory	9 Mbits
Packet Forwarding Rate	852.32 Mpps
Jumbo Frame Bytes	9216 bytes
Backplane Bandwidth	1292G
Transfer Mode	Store and forward Cut-through
Address Table	128K MAC addresses
CPU	PPC dual-core 800MHz
Flash	32MB
Memory	1GB DDR3 SD-RAM

Power

Power Supply (AC)	90 to 290 VAC
Power Supply (DC)	-38.4 to -72 VDC
Self Consumption	240W

Environmental Standards

Rating	IP20
Storage Temperature	-40°C to 70°C
Operating Temperature	0°C to 50°C
Humidity Tolerance	5%-95%

Software

Management	SNMP v1/v2/v3 Console Telnet Web management
MAC	Static MAC Dynamic MAC
Security	IP + MAC + PORT + VLAN binding ARP inspection DoS defend Port protection IP source guard binding
Port Management	System information Port statistics Configuration port Port trunking Port isolation
VLAN	Port based VLAN 802.1Q VLAN IP based VLAN MAC based VLAN
QoS	IEEE 802.1Q Congestion mechanism 8x send queue mapping to 8 802.1p priority per port
Storm Control	Broadcast limit Multicast limit DLF limit Limit speed
Spanning Tree Protocol	MSTP (802.1s) STP RSTP
Software Features	Port mirroring Ping detection DHCP snooping Multicast management IGMP snooping frame
Traffic Control	Half duplex control (based on back pressure type) Full duplex control (based on pause frame)

Physical Properties

Weight	5000g
Dimensions (H x D x W)	45mm x 480mm x 450mm

Any questions?

Visit our website at: www.verdelon.com

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