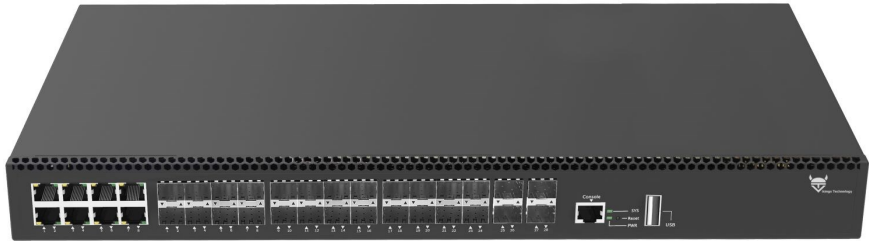




KEY FEATURES

- 16*100/1000Base-X SFP and 4*1/2.5/10GBase-X SFP+ and 8*1G Combo ports
- 12M Packet buffer for smooth transfer of highest definition videos
- ERPS support with recovery time <50ms
- 128Gbps Switching Bandwidth
- IGMP snooping V1/V2/V3
- Metal case
- 19" Rack mountable, 1U height
- 3 years warranty



INTRODUCTION

The SMX0208C series Layer 2 Managed fiber Switch comes with 16*100/1000Base-X SFP and 4*1/2.5/10GBase-X SFP+ and 8*1G Combo ports. Ethernet Ring Protection Switching (ERPS) grants ultra fast recovery time of less than 50ms. Up to 28 SFP ports makes this Ethernet switch a perfect fiber switch to terminate your multiple media converters and other switches running on fiber cables. Powerful Layer 2 management and security functions with up to 24*1G and 4*10G SFP+ ports ensures suitability for medium to large scale network projects.

SPECIFICATIONS

Model	SMX0208C-1U
Ports	
RJ45 ports and speed	-
Fiber ports and speed	16 * 100/1000Base-X SFP 4 * 1/2.5/10GBase-X SFP+
Combo ports and speed	8 * 10/100/1000Base-TX or 1000Base-X SFP
Management ports	1 * RJ45 Console 1 * USB 2.0

Model	SMX0208C-1U
Ethernet	
Switching Bandwidth	128Gbps
Packet Forwarding	95Mpps
Max Packet Length	10K
Packet Buffer	12M
MAC Address Table	16K
PoE	n/a
Supported Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z IEEE802.3x, IEEE 802.1D, IEEE 802.1w, IEEE802.1Q IEEE802.1X, IEEE 802.1ab, IEEE 802.3ad, ITU-T G.8032, IEEE802.3ae
L2 Management	
Port Features	Static & Dynamic aggregation 1G/2.5G/10G aggregation IEEE802.3x flow control Traffic statistics Port isolation Network storm suppression based on port bandwidth Many to one port mirroring
VLAN	Supports Access, Trunk and Hybrid modes
VLAN Classification	Mac Based, IP Based, Protocol Based
QinQ	Port-based, VLAN-based, Flow-based
DHCP	Support DHCP client & DHCP snooping
ACL	IP Standard, MAC extend, IP extend
Redundancy protocols	STP, RSTP, ITU-T G.8032 ERPS, MSTP
Multicast	IGMP snooping V1/V2/V3
QoS	Supports QoS Class, Remarking, SP WRR queue scheduling Policy-based QoS Ingress/Egress port based rate limit
Security	Supports 802.1x, Port authentication MAC authentication, RADIUS service Supports Port-security, IP Source Guard IP/Port/MAC binding ARP-check and ARP packet filtering for illegal users
Management & Maintenance	Web based management SNMP V1/V2C/V3, Telnet/SSH server LLDP, RMON alarm, NTP, Ping Tracert, TFTP client, IPv6

Model	SMX0208C-1U
Environmental	
Operating Temperature	0°C ~ +50°C
Storage Temperature	-10°C ~ +70°C
Relative Humidity	5 ~ 90% non-condensing
MTBF	>200.000h
Electrical and Physical	
Power Input	100~240VAC
Max Power consumption	40W
Input polarity protection	n/a
Case	Metal case
Cooling	Support fan speed control
Dimensions (H * D * W)	44 * 245 * 440mm
Weight	~4kg
Mounting	19" Rack mountable, 1U height
Certifications	
Standards	Surge protection for power: IEC 61000-4-5 Surge protection for Ethernet ports: IEC 61000-4-5 CE 2014/30/EU EMC, EN 55032:2015, EN 55035:2017 EN 61000-3-2:2014, EN 61000-3-3:2013 CE 2014/35/EU LVD, EN62368-1:2014+A11:2017 FCC Part 15, Subpart B:2016, ANSI C63.4:2014 RoHS 2011/65/EU and 2015/863/EU

ORDERING INFORMATION

Model name	Description
SMX0208C-1U	Managed L2 Fiber Switch 16*100/1000Base-X SFP and 4*1/2.5/10GBase-X SFP+ and 8*1G COMBO ports, 100~240VAC input, Rack mount

OTHER

SFP modules are not included and to be purchased separately