UMS2400G-2SFP V1 Web Smart Switch

System Overview

UMS2400G-2SFP V1 is a Web Smart Switch with 24*10/100/1000Mbps RJ45 ports and 2*1000Mbps SFP optical module slots. Each RJ45 port supports MDI/MDIX automatic turn-over and wire-speed forwarding, which is easy to use and can flexibly expand home and office networks without limitation of power line layout, easy to manage and maintain, and can meet the requirements of different scenarios.

Product features

- Supports IEEE802.3x full-duplex flow control and Backpressure half-duplex flow control.
- Supports 802.1Q VLAN, Port VLAN, QoS, bandwidth control, and storm suppression.
- Supports port traffic statistics, port monitoring, cable detection, and loopback protection.
- Panel indicators monitor working status and assist in fault analysis.
- Intelligent identification of wire speed forwarding.
- Data exchange adopts store-and-forward mode.
- Operating temperature: 0°C ~ 40 °C.

Product specifications

Hardware specifications

Model	**UMS2400G-2SFP V1**
Interface	24*10/100/1000Mbps RJ45 Ports 2*1000Mbps SFP Slots
Network Media	10BASE-T: UTP category 3, 5 cable (≤100m) 100BASE-TX: UTP category 5,5e cable (≤100m) 1000BASE-T: UTP category 5e,6 cable(≤100m) 1000BASE-X：MMF, SMF
Standard	IEEE 802.3,IEEE 802.3u,IEEE 802.3ab,IEEE 802.3z,IEEE 802.3x,IEEE 802.1x, IEEE 802.1q,IEEE 802.1p
MAC Address Table	8K, Auto-learning, Auto-aging
Jumbo Frame	10KByte
Packet Buffer	4.1Mbit
Transfer Mode	Store-and-forward
Switching Capacity	52Gbps
Packet Forward Speed	38.69Mpps
Power Input	12V/ 2A
Input Voltage	AC 100-240V 50/60Hz
Operating Temperature	0°C ~ 40 °C
Storage Temperature	-40 °C ~70°C
Operating Humidity	10% ~ 90% non-condensing
Storage Humidity	5% ~ 90% non-condensing
Dimensions(L*W*H)	440*207*44mm
Fan Quantity	Fanless
Surge Protection	Differential mode ±1KV， Common mode ±2KV
MTBF	>50000 hours
Electrostatic Standard	Contact ±6KV , Air ±8KV

Software function

Function menu	Functional description	Added
Basic	Login authentication and logout	
	Bilingual (Chinese-English Switching)	
	Port Pannel(two colors distinguish speed)	1000M green
		100M/10M orange-yellow
System Settings	Device Info	Hostname
		Device Contact
		Device Location
	IP Settings	Static
		DHCP Client
		DNS
	Web Settings	Web timeout settings
	Telnet Settings	Support telnet enabled/disabeld,Supoort telnet timeout setting
	User Management	Password must contain at least letters& Number length is not less than 6
	Upgrade	Local Upgrade
	Device Management	Reboot
		Save Configure
		Restore
Monitoring	Port Statistics	
	Cable Diagnostics	
	Loop Guard	rlpp
	IGMP Snooping	Flood/Drop
		DIP Mode
Switch Settings	Port Settings	Status
		Speed/Duplex/Flow Control
	Port Mirroring	In/Out/All
	Port Isolation	
	Jumbo Frame	Support 1522-10000 Bytes
	Green Enable	
	Static MAC	
	Filter MAC	
	Search MAC	
	MAC List	Classified display static/dynamic mac address
	DHCP Snooping	
VLAN Settings	VLAN Member	
	VLAN Settings	Access、Trunk
QOS Settings	Port Rate	
	Storm Control	
	QoS Priority Mapping	Support CoS and DSCP priority mapping
	QoS Queue Scheduling	Support 8 queue, Support SP and WRR Queue Scheduling
Cloud Settings	Cloud Settings	MQTT(Need Function Customization)

Ordering information

Model	SPM3028GTM V1
UMS2400G-2SFP V1	24GE + 2SFP Gigabit Web Smart Switch