

CM-SW08F-POE Spec

Product introduction

This Switch is a gigabit manage switch, which can be configured by web interface. Equipment itself integrated 8 high-density gigabit port and 2 port SFP

It's provide a simple, economic, high performance gigabit network solution , all RJ45 port support Auto MDI/MDIX, port speed limit, IGMP Snooping, storm control, Port based VLAN、MAC address binding, configuration file upload and download etc. Providing huge flexibility base on workgroup performance improvement, easy installation, superior performance, highly cost effective. It is your ideal choose of improving service speed



Main feature

- Support IEEE 802.3, IEEE 802.3u, IEEE 802.3ab standard
- 8 Port 10/100/1000M RJ45 port and 2 port SFP,
- Support 8 port POE with IEEE 802.3at/ and IEEE 802.3af.
- Support Auto MDI/MDIX
- Support port isolation , ensure the users visit and control the terminal easily
- Maximumly configure 16 LACP, can extend the cascade port bandwidth of the switch
- Support IGMP SNOOPING (V1/V2) ,Maximum support 256 group.
- Support ARP deception function, once there is someone who counterfeit the other' s terminal or gateway IP address, switch will discard the message and record, so that the administrator can manage conveniently.
- Simplified WEB management interface.

Specification

standard configuration	8 10/100/1000M RJ-45 MDI/MDI-X port 2 gigabit SFP port
Chipsets	RTL8380M
Flash	16MB
SDRAM	128MB
transmit rate	29.7Mpps
backboard bandwidth	20Gbps
swap mode	Store-and-Forward
MAC address table	8K
queue buffer	4MB
Dimension	280*180*44*1.0mm
power supply	AC100-240V
Power	83W
Energy conservation design	Fan less
LED light	power 、 system、 Link/Act、 1000M
environment temperature/humidity	0-50℃ operation, -40-70℃ preserve, 0-90% non-condensing
VLAN	Port base VLAN ACCESS VLAN TRUNK VLAN HYBRID VLAN 802.1Q tagged VLAN Max. 4094 VLAN
IGMP Snooping	IGMP v1/v2 Snooping Support 256 groups
MAC address administration	MAC address display/inquire Static MAC settings Dynamic MAC address administration MAC address filtering
Loop detection	Support loop detection
storm control	Broadcast/Multicast/Unknown Unicast Storm Control
Link Aggregation	maximum 8 port per group, support 16 group LACP dynamic or static aggregation
Access control	Based on MAC source, destination MAC, MAC source and destination MAC, MAC protocol, source IP access control. Based on the TCP, IP, UDP, IGMP source IP, destination IP, source IP and destination IP access control

Security feature	VLAN port isolation Port +MAC+IP binding
Port Mirroring	- One-to-one - Many-to-one -By mirroring port transmission, receiving and sending and
network management	Telnet CLI WEB (IP:192.168.1.200 ,username/password: admin/admin)
Port speed limit	Egress and ingress speed limit
DHCP Snooping	Prevent illegal DHCP server
Loop detection	Detection of Ethernet loop
ARP attack prevention	To prevent the ARP request deception To prevent the ARP reply to cheat
Jumbo Frames	10K
SNMP	SNMP v2c;conform to RFC1902, RFC1903, RFC1904, RFC1905, RFC1906, RFC1907 The MIB II;conform to RFC1213 Ethernet MIB;conform to RFC1643 The bridge MIB;conform to RFC1493
RMON	Support group 1, 2, 3, 9
Equipment management	Console Telnet The CLI interface WEB UI Support the ping Check the CPU and memory utilization one key to collect fault