

CM-SW24L3



[Product Description]

28-port 10 Gigabit uplink 24-port Gigabit managed Ethernet switch. Support 24 * 10/100/1000 adaptive electrical ports, 4 * 10 Gb SFP+ ports, 1 console port, and 1 USB serial port. Perfect security control strategy and CPU protect policy improve fault tolerance and ensure stable operation of the network and load balancing of the interconnection; The device supports automatic DoS attack defense and SNMP, IEEE 802.1, STP, RSTP, Link aggregation, and other functions. With advanced security functions and quality of service (QoS), it can be used as core layer, distribution layer, and access layer switch with high density port and easy management, is an ideal choice for various business network applications.

[Features]

- Support IEEE 802.1d, IEEE 802.1w, IEEE 802.1s, IEEE 802.1p, IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3ae standards ;
- L3 management, support DHCP Server, QoS, ACL, SNMP V1/V2/V3, IGMP Snooping v1/v2;
- Support STP/RSTP/MSTP (ERPS), Support loop detection and self-healing, support remote loopback monitoring and control(802.3ah OAM); Support IPV4/IPV6, RIP, OSPF
- Support multiple VLAN division, MAC VLAN, Protocol VLAN, Private VLAN;
- Support IP address + MAC address + VLAN+Port binding, DHCP Snooping, support IP source and DAI protection;

[Application Environment]

- Metropolitan area fiber broadband network: telecommunications, cable TV, network system integration, etc., network operators.
- Broadband private network: Suitable for financial, government, oil, railway, electric power, public security, transportation, education and other industries.
- Multimedia transmission: image, voice, data integrated transmission, suitable for remote teaching, conference TV, videophone and other applications.
- Real-time monitoring: simultaneous transmission of real-time control signals, images, data

Input/output Port	
AC INPUT	AC100-240V,50/60Hz
Ethernet Port	24 * 10/100/1000Mbps RJ45 Port 4 * 10G SFP Port 1 * RJ45 Console Port 1 * USB Port
Performance	
Bandwidth	128Gbps
Packet Buffer Memory	95.23Mpps
DDR SDRAM	128MB
Flash Memory	16MB
Package cache	12Mbit
MAC Address	32K
Jumbo frame	12Kbytes
VLANs	4096
Management Features	Web-based ,System Log
MTBF	100000 hour
Standard	
Network Protocols	IEEE 802.3:Ethernet MAC Protocol IEEE 802.3i:10BASE-T Ethernet IEEE 802.3u:100BASE-TX Fast Ethernet IEEE 802.3ab:1000BASE-T Gigabit Ethernet IEEE 802.3z:1000BASE-X Gigabit Ethernet (optical fiber) IEEE 802.3ae:10G Ethernet (optical fiber) IEEE 802.3az:Energy Efficient Ethernet IEEE 802.3ad:Standard method for performing link aggregation IEEE 802.3x:Flow control IEEE 802.1ab: LLDP/LLDP-MED (Link Layer Discovery Protocol) IEEE 802.1p:LAN Layer QoS/CoS Protocol Traffic Prioritization(Multicast filtering function) IEEE 802.1q:VLAN Bridge Operation IEEE 802.1x:Client/Server Access Control and Authentication Protocol IEEE 802.1d:STP IEEE 802.1s:MSTP IEEE 802.1w:RSTP
Industry Standard	EMI: FCC Part 15 CISPR (EN55032) class A EMS: EN61000-4-2 (ESD),EN61000-4-4 (EFT),EN61000-4-5 (Surge)
Network Media	10BASE-T: Cat3,4,5 or above UTP(≤100 M) 100BASE-TX: Cat5 or above UTP(≤100 M) 1000BASE-TX: Cat5 or above UTP(≤100 M)



	Multi-mode Fiber: 50/125,62.5/125,100/140um Single-mode Fiber: 8/125,8.7/125,9/125,10/125um
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