

24 Ports 10/100/1000M Managed Ethernet Switch with 12x 1000M SFP ports

LX24-12SFP is a L2 managed 10/100/1000M ethernet switch provides 12x 10/100/1000M RJ45 and 12x 1000M SFP ports. It provides high/low temperature resistance, industrial-grade quality such as lightning protection; supports Web management, VLAN, QoS, SNMP, IGMP snooping and other network Network function; support Ethernet fast ring network protection previous STP/RSTP/MSTP spanning tree ring network and industrial-grade three-level ESD.



FEATURES

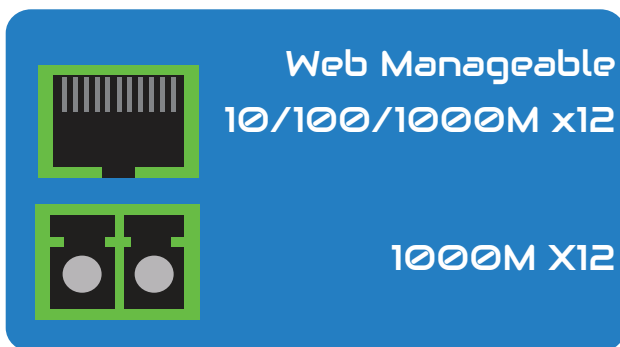
- Support STP/RSTP/MSTP production tree protocol, eliminate layer 2 loop and realize link backup
- Support IEEE 802.1Q VLAN, users can flexibly divide VLAN according to needs, support Voice
- VLAN, supports QinQ configuration
- Support IGMP V1/V2 multicast protocol, support IGMP Snooping, meet multi-terminal high-definition video
- Video monitoring and video conferencing access requirements
- Support port isolation
- Support port broadcast storm suppression
- Support Web network management, CLI command line (Console, Telnet), SNMP (V1/V2/V3)
- Various management and maintenance methods such as Telnet.
- Support HTTPS, SSLV3, SSHV1/V2 and other encryption methods, making management more secure.
- Support RMON, system log, and port traffic statistics, which is convenient for network optimization and transformation
- Support LLDP, which is convenient for the network management system to query and judge the communication status of the link
- Support CPU monitoring, memory monitoring, Ping detection, cable length detection

SPECIFICATIONS

Standards and Protocols	
Fixed Port	12x 10/100/1000M RJ45 port , 12x 1G SFP ports
	1 Console RJ45 control port, 4P Phoenix terminal, dual power supply redundancy
Cable Type	twisted pair : 0-100m (CAT5e, CAT6) ;single mode fiber: 20/40/60/80/100KM ; multimode fiber: 550m
LED Indicators	Power indicator light: PWR (green); System indicator light: SYS (green); network indicator: Speed (green) , Link (yellow), optical port L/A (green);
Network Topology support	Ring topology , star topology , bus topology, tree topology, hybrid topology
Layer 2 switching	Exchange capacity 88G
MAC Address Table	32K
Forwarding Rate	Rate : 95.2Mpps ; delay <10us
VLAN support and quantity	support 4K
Report buffer	32M
Jumbo frame	10Kbytes
MTB	100,000 hours
IP rating	IP40
Dimensions (W x H x D)	440X250X44.5mm
Weight	3.4KG
Input Voltage	DC36~72V/AC100~240V 50-60HZ
Power Consumption	Full load (Total power) <70W
Working Temperature	- 40 ~ +85°C
Store Temperature	-40 ~ +85°C
Humidity	5 ~ 90% RH Non-Condensing
Heat Dissipation	Fanless design, natural heat dissipation

Power Surge Protection	IEC 61000-4-5 Level 3 (4KV/2KV) (8/20us)
Network Port surge protection	IEC 61000-4-5 ; Level 3 (4KV/2KV) ; (10/700us)
Radiation Immunity	IEC 61000-4-3 Level 3 (10V/m)
Instantaneous Pulse Anti-jamming	IEC 61000-4-4 Level 3 (1V/2V)
Conducted Anti-interference	IEC 61000-4-6 Level 3 (10V/m)
Power Frequency Magnetic Field Immunity	IEC 61000-4-8 ; Level4 (30A/m)
Voltage Drop	IEC 61000-4-11 ; Level3 (10V)
EMI	CLASS A
Anti-static Interference	IEC 61000-4-2 ; Level 4 (8K/15K)
Free Fall	0.5m
Access Control List	Support ACL 500
ACLs	Support IP standard ACL; Support MAC extended ACL; Support IP extended ACL;
Quality Of Service (QOS)	Support QoS re-marking, priority mapping; Support SP, WRR queue scheduling;
	Support entrance speed limit and exit speed limit;Support flow-based QoS
Management Function Support	Command Line; Management serial port; Telnet ; web management; SNMP , SNMPv1/v2c;
	User Management; system log ; file upgrade; firmware upgrade
Spanning Tree Protocol	Support STP/RSTP/MSTP
Link Aggregation	Support 16 groups
Multicast	Support IGMP Snooping
Port Mirroring	Support
Storm Suppression	Support
Port Traffic Statistics	Support
Port Traffic Statistics	Support
QINQ	Support

FUNCTIONAL DIAGRAM



ORDERING INFORMATION

PN	DESCRIPTION
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