

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

The Lightem Gigabit Fiber Switch is a L2/L4 Gigabit Ethernet Switch, provides 24 1000M SFP ports and 2 10/100/1000M RJ45 ports. The hardware supports wire-speed switching of the second layer. Users can set the various functions of switches through the Ethernet port in WEB. Built-in ARP and DOS defense system can effectively defense the ARP, DOS and various virus attack.



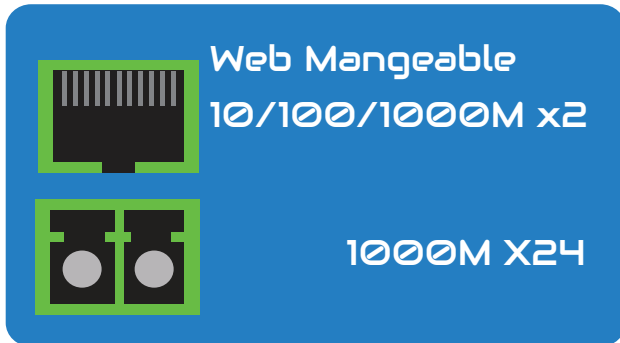
FEATURES

- L2/L4 Gigabit Ethernet Switch
- Support ARP Defense
- Support QoS
- Support IEEE 802.1d and IEEE 802.1w (RSTP, Rapid Spanning Tree Protocol) and IEEE 802.1s (MSTP, Multiple Spanning Tree Protocol)
- Support Auto DOS defense
- Support Land, Blat, Smurf attack, Ping flooding, SYN/SYN-ACK flooded etc
- Support for 802.1x authentication
- Support Wire-speed filtering – Storage – forward mode, providing a true non-blocking switching structure
- Support the function of port mirroring, port aggregation, port speed limit
- Support the port-based VLAN and IEEE802.1Q based on VLAN

SPECIFICATIONS

Parameters	
Standards	IEEE802.3, IEEE 802.3ab, IEEE 802.3x, IEEE802.1q, IEEE802.1p, IEEE802.1z, IEEE802.1d, IEEE802.1s, IEEE802.1w, IEEE802.1ax, IEEE802.1ak
Maximum frame length	9216B
Number of ports	24 1000M SFP ports and 2 10/100/1000M RJ45 ports
VLAN address table	4K
MAC address table	8K
Cache	32 MB
Backplane bandwidth	52 GB
Filtering and forwarding rate	10Mbps: 14880pps 100Mbps: 148800pps 1000Mbps:1488000pps
Dimensions	440 x 280 x 44mm (1U 19" standard chassis)
Use of the environment	Storage Temperature: -20°C ~ 70°C; Storage humidity 5% ~ 90% Non-condensing work Temperature: 0°C ~ 40°C; work humidity 10%~ 90% Non-condensing
Power	Input: 90-264V AC, 50-60HZ; Output: 5V/12A
Power consumption	Power consumption : Maximum 60W
Network Media	1000Base-LX: using long-wavelength laser (1310nm) crossed the Multimode and single mode fiber, multimode fiber 550m is the maximum distance, single mode is 10-24km. 1000Base-SX:62.5 μm multimode fiber maximum transmission distance is 275m, use 50 μ m multimode fiber maximum transmission distance of up to 550 meters 10Base-T: cate-3 or more UTP; (support maximum transmission distance of 200m), 14880P/S 100Base-TX: cate-5 UTP; (support maximum transmission distance of 100m), 148800P/S 1000Base-T: Cate-5 UTP or 6 UTP; (support maximum transmission distance of 100m), 1488000P/S

FUNCTIONAL DIAGRAM



ORDERING INFORMATION

PN	DESCRIPTION
LX26-24SFP	26 Ports 10/100/1000M Ethernet Switch with 24x SFP ports