

# TELECOM/DATACOM SYSTEM

## 28 Ports 10/100/1000M Ethernet Switch 8x1000m RJ45 , 16x 1000M SFP and 4x 1000M RJ45/SPF combo ports

Lightem LX26-16SFP Gigabit Fiber Switch is a L2 Gigabit Ethernet Switch, provides 8x1000m RJ45 , 16x SFP and 4x 1000M Rj45+ SPF combo ports . It supports layer-2 management protocols for industrial switch applications, and supports ITU g.8032 redundant ring network protocol. The self-healing time is less than 20ms, which ensures the real-time and stability of the network. The switch adopts mature technology and open network standard, adapts to low temperature and high temperature, has strong anti electromagnetic interference, anti salt fog, anti shock and anti shake, meets the strict working environment requirements of industrial site.



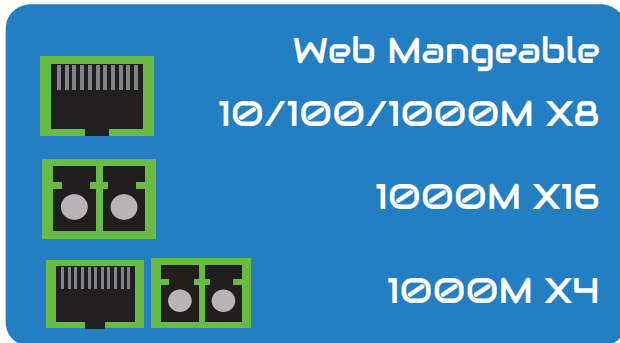
### FEATURES

- L2 Gigabit Ethernet Switch, supports the management mode of CLI, web and SNMP
- All aluminum alloy shell, good heat dissipation characteristics, metal oxide oxidation process, IP40 protection grade
- support 8 Gigabit eth port + 16 gigabit optical port and 4 gigabit optical combo interface
- Each electrical port or optical port supports the standard ERPs ring network protocol, and the self-healing time is less than 20ms
- Support port bandwidth limitation, port flow control and broadcast storm suppression
- Support web, CLI and telnet management functions
- Provide Power off alarm and loop alarm , console debugging
- It can be used as Poe (POE +) equipment
- supports STP / RSTP, MSTP, EAPs and ERPs
- supports cos, DSCP, 8 queues, WRR, SP, WFQ scheduling mode, policy QoS , IGMP snooping V1 / V2 / V3 and GMRP

### SPECIFICATIONS

Parameters	
Standards	IEEE802.3 、 IEEE 802.3u 、 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	10K
Number of ports	8x 1000M RJ45, 16x 1000M SFP, 4x Rj45/ SFP Combo, 1 Console
Network medium	1000Base-LX : Using long wavelength laser (1310nm) to cross multimode and singlemode fiber, the maximum transmission distance of multimode fiber is 550mand singlemode fiber is 10-24km. 1000Base-SX : The maximum transmission distance of 62.5 μ m multimode fiber is 275 m, 50μmmultimodefiber is 550m.
	10Base-T : UTP of Category 3 or above : ( Max transmission distance 200m )
	100Base-TX : UTP of Category 5 or above : ( Max transmission distance100m )
	1000Base-T : CAT-5E UTP or 6 types of UTP ( Max transmission distance100m
VLAN address	4K
MAC address	16K
Cache	4Mbits
Backplane Bandwidth	28Gbit
Filter ing and forwarding rate	10Mbps : 14880pps ; 100Mbps : 148800pps ; 1000Mbps : 1488000pps
Environment	Storage temperature : -40~85℃ : Storage humidity:0%~90% Non condensing working temperature : -40~85℃ : Working humidity:0%~90% Non condensing
Consumption	≤30W
Power	Input: AC: 90-264v, 50-60Hz; DC-48V : 36-72V : DC+24V : 18-32V : DC + 12V: 9-16v support power redundancy backup
Dimension	485*200*45mm rack type
Weight	2.6Kg/piece

## FUNCTIONAL DIAGRAM



## ORDERING INFORMATION

PN	DESCRIPTION
LX26-16SFP	28 Ports 10/100/1000M Ethernet Switch 8x1000m RJ45 , 16x 1000M SFP and 4x 1000M RJ45/SFP combo ports