

## 28 ports Managed Ethernet Switch with 24x 100M FX & 4x 1G RJ45/SFP Combo ports

LX28-4C-M is a L2 managed 100M optical fiber Ethernet switch with 24x 100M FX & 4x 1G RJ45/SFP Combo ports. Designed specially for work groups, internet bars, schools, small and medium enterprises, upgrade the local area network to gigabit, and meet their demand of high bandwidth.



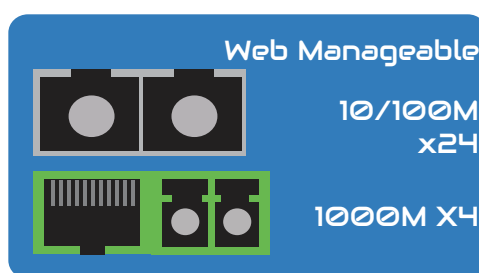
### FEATURES

- 24 x100M SFP ports and 2 \*gigabit Combo port
- Integrate \* 8 k MAC address memory area and 128 CAM
- Integration 1.25 Mbit SSRAM datagram store-and-forward cache
- Non-blocking line speed image and filtering (12.8 Gbps data throughput)
- Support Leaky VLAN and 32 VLAN group
- 802.1 p priority queue, port mirroring
- In full-duplex mode, providing the IEEE 802.3 x flow control function (flow control)
- 802.3 AD link aggregation standard (LACP) (after the firmware upgrade in the future)
- Can be installed each port upward/downward flow of bandwidth
- Control the broadcast storm
- Support fiber port (default any port) management
- Support loop detection (off by default)

### SPECIFICATIONS

Standards and Protocols	
10/100 M FX port	24 auto-negotiation
1000M GE SFP Combo ports	4
Rate	10/100/1000M adaptive, full / half duplex fully adaptive
Cable Type	IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z/a, IEEE802.3ab.
Network connection	Layer 2
MAC addresses	4K MAC addresses can be learned
Wavelength	Singlemode 1310nm / 1550nm ; Multimode 850nm / 1310nm (optional)
Interface	RJ45 seat support (cross / straight-line adaptive) Auto-MDIX
Transmission power	-9dBm to -5dBm
Transmission Length	Singlemode 20/40/60/80/100/120km ; Multimode 2km (optional)
Receiving sensitivity	Better than -36dBm
Connector	LC/SC
Housing	IP30 protection grade, metal case
Operating temperature:	0 ~ 50 °C
Storage temperature	-20 ~ 70 °C
Humidity	5 to 90% (non-condensing)
Power	AC100-240V (built-in)
Size	440 *310 *44mm

### FUNCTIONAL DIAGRAM



### ORDERING INFORMATION

PN	DESCRIPTION						
LX28-4C-M	28 ports Managed Ethernet Switch with 24x 100M FX & 4x 1G RJ45/SFP Combo ports						
	Fiber type	Connector	Max Distance	Wavelength	TX power	Sensitivity	Link Budget
LX28-4C-S20	Singlemode	Duplex SC	20km	1310nm	-20~-12dBm	-30dBm	10dB
LX28-4C-S60	Singlemode	Duplex SC	60km	1310nm	-5~0dBm	-34dBm	29dB
LX28-4C-M20	Multimode	Duplex SC	2km	850nm	-20~-12dBm	-30dBm	30dB
LX28-4C-BD2	Singlemode BIDI	Simlex SC	20km	1310/1550nm	-20~-12dBm	-30dBm	10dB
LX28-4C-BD6	Singlemode BIDI	Simlex SC	60km	1310/1550nm	-5~0dBm	-34dBm	29dB