

**RoHS compliant**  
**SFP Patching Hub with Management function**  
**16 ports 100/1000 TX convert to 16 ports 100/1000 SFP**

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Layer 2 SNMP management  
 SFP DDMI support



FCC Part 15, Class A  
 CISPR 22 Class A

**Introduce:**

CL-MCSFP-16M is a simple, smart, and powerful patching hub that converts Ethernet copper to SFP sockets. The device can connect to any switch from any vendor with RJ-45 connectors and supports any SFP from any vendor including Carelink products SFP that are part of the System on an SFP family.

The device can also be used as an Ethernet copper to fiber converter with various fiber optic media, to extend the distance of Fast Ethernet and Gigabit Ethernet networks.

CL-MCSFP-16M provides a flexible lower-cost alternative to being locked into purchasing expensive dedicated SFPs.

The device supports hot swappable SFPs working at 100Mbps and 1000Mbps, as well as Ethernet copper ports working at 100Mbps and 1000Mbps. Auto-discovery of Fast Ethernet (100 Mbps) or Gigabit Ethernet (1000 Mbps) is supported.

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<i>PART NUMBER</i>	<i>TX ports</i>	<i>FX ports</i>	<i>Power</i>
CL-MCSFP-16M AC	16 * 100 /1000 RJ45	16 * 100 /1000 SFP slots	AC 110~240
CL-MCSFP-16M DC	16 * 100 /1000 RJ45	16 * 100 /1000 SFP slots	DC 48V

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### Key Features:

- ✓ IEEE802.3u(100Base Fast Ethernet), IEEE802.3ab(1000BaseT), IEEE802.3z(1000Base)
- ✓ Auto-Cross over for MDI/MDIX in TP port
- ✓ 100/1000Mbps Auto-Negotiation in TX port
- ✓ 100Mbps or 1000Mbps, depending on the Link Speed of SFP port
- ✓ Support Power/FDX/FX & TP Link Activity/FX & TP Speed LED
- ✓ support Link pass through
- ✓ support Link Alarm
- ✓ Converts 16 Fast Ethernet or Gigabit Ethernet copper ports to SFP sockets
- ✓ Supports any third-party standard SFP device
- ✓ Fully transparent Layer 1 wire-speed conversion eliminates store and forward delays
- ✓ 1U" Height for limit space application
- ✓ SFP DDMI support

### Technical Specifications:

Product Specification	
16*TX Ports	16*RJ45 ports,with 100/1000Mbps, Full duplex, Auto Negotiation, Auto-MDIX function
16*SFP ports	with 100/1000Mbps and Full duplex
Operation Speed	100Mbps or 1000Mbps, depending on the Link Speed of SFP port
Dimensions	440(W) x 172(D) x 44(H) mm [1U]
Data Rate	Full line speed
LED Display Per Device	Power
Per Port :	Link/Act , Speed
Input Power	100~240VAC, 50/60 Hz ; 36~72VDC
Operating Temperature	0 ~ 50°C
Operating Humidity	10% ~ 90% (non-condensing)
Standards	IEEE802.3u, IEEE802.3ab, IEEE802.3z

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**SNMP management:**

The screenshot shows the web management interface for the CL-MCSFP-16M device. At the top left is the LinkCare logo. Below it, the device model and firmware version are displayed: CL-MCSFP-16M, 2.01.27 (built at Apr 29 2011 17:12:40). A navigation menu on the left includes Home, System, SNMP, Security, Port, and Tools. The main content area is titled 'System Information' and contains a table of 'Main Board Information'.

Main Board Information	
Firmware Version	2.01.27 (built at Apr 29 2011 17:12:40)
Mac Address	00:17:2E:11:64:AD
Number of Ports	16

The screenshot shows the web management interface for IP Configuration. The navigation menu on the left is expanded to show 'System Information', 'IP Configuration', and 'Time Configuration'. The main content area is titled 'IP Configuration' and contains a table of 'Network Configuration'.

Network Configuration	
DHCP Client	<input type="radio"/> Enable <input checked="" type="radio"/> Disable <input type="button" value="renew"/> <input type="button" value="release"/>
IP Address	<input type="text" value="192.168.1.11"/>
Network Mask	<input type="text" value="255.255.255.0"/>
Gateway	<input type="text" value="192.168.1.254"/>
<input type="button" value="Apply"/>	

Note : All information contained in this document is subject to change without notice.



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