



## LCS-C862 Series

### Gigabit Triple-Speed Converter



The LCS-862 10/100/1000 to 1000SX/LX (SFP) media converter is specifically designed to offer fiber advantages for mission-critical networks like Telco/ISP backbones, cable operators, banking and enterprise networks. The LCS-862 is RoHS-compliant. It can reduce network downtime and increase Quality of Service levels. The converter is completely transparent when installed, so the network performs exactly the way it would do normally – only now, it can incorporate both copper and fiber mediums. This flexibility in cabling allows network managers to put fiber cables anywhere within a network without changing the arrangement of the copper-based Gigabit segments. Their compact size allows the converters to be wall-mounted to save space. Several converters can be simultaneously installed by using the LCS-C819 12-slot, 19" rack-mountable chasses. The LCS-862 takes advantage of intelligent connection technology to support Auto-negotiation, thereby eliminating the hassle of manually configuring or monitoring settings. This ensures plug-n-play operability.

#### Features:

- ◆ Complies with IEEE 10/100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-SX/LX
- ◆ One 10/100/1000 Mbps Ethernet port
- ◆ Auto MDI/MDI-X support on RJ-45 port
- ◆ One SFP slot for Gigabit links
- ◆ Extends distances from 220m up to 110km under full-duplex mode
- ◆ Supports Link Fault Signaling on both fiber port and copper port
- ◆ Alarm LED illuminates to indicate link failure
- ◆ Status LEDs for easy monitoring of device's status
- ◆ External power supply
- ◆ Chassis-compliant (internal power supply)
- ◆ FCC Class A & CE approved

#### Specifications:

<b>Standard:</b>	IEEE 10/100Base-TX; IEEE 802.3ab 1000Base-T; IEEE 802.3z
<b>Connector:</b>	1 x RJ-45 and 1 x Fiber
<b>Max. Distance:</b>	UTP: 100 meters (Cat. 5/5e/6); Fiber: SFP; up to 110km (single-mode)
<b>Workaround:</b>	Temperature 0 ~ 50°C; Humidity 10% ~ 80% (non-condensing)
<b>Unit LED</b>	PWR: Illuminated for normal operation ALM: Illuminated when failure occurs on fiber or copper link LNK/ACT: Fiber link – Illuminated when receiving link pulses from compliant devices – Flashing when data packets are being transmitted / received
<b>Dimensions/Weight</b>	109.2 x 73.8 x 23.4mm (D x W x H) / 158g
<b>Power Supply:</b>	Power Input: 12V DC @ 0.8A, Frequency: 47Hz to 63Hz
<b>MDI/MDI-X</b>	Auto Selection
<b>Temperature</b>	Operating: 0°C to 50°C; Storage: -20°C to 70°C
<b>Humidity</b>	Operating: 10% to 90% RH; Storage: 5% to 90% RH
<b>Dip Switches</b>	DIP 1 – LFS: Enable/disable Link-Fault Singnaling (LFS)
<b>Certificate</b>	FCC Part 15 of Class A & CE approval
<b>Box contains:</b>	One Converter, Power Supply, CD with Manual, Rubber Feets
<b>EAN:</b>	4016621006358