Gigabit Dual Fiber Media Converter

DMC-1G1F-LC-20-E

10/100/1000M Single Mode Dual Fiber Media Converter with LC Fiber Port. External Power Supply.

Features

◆ Card-type or stand-alone, apply in centralized management 2U aluminum chassis

◆ Using WDM wavelength 1310nm and 1550nm to achieve single fiber bi-directional transmission

◆ Broadcast filtering feature/Address auto learning/ Automatic update feature/Store and forward operating mechanism

◆ Cache is 512KB, MAC address table is 4KB

◆ Ethernet 10Base-Tx to 10 Base-Fx or 100Base-Tx to 100Base- Fx or 1000Base-Tx-1000Base-Fx fiber media converte

◆ Support IEEE 802.3af, IEEE 802.3U, IEEE 802.1X,IEEE 802.3Z/AB, IEEE 802.1d protocol

◆ Supports full-duplex or half-duplex backpressure flow control work, and with auto-negotiation capability

◆ TP port supports 100Mbps, 10Mbps, two TP port could match different rate (When full-duplex bandwidth up to 2*Mbps)

◆ Provide remote link loss diagnostics,TP port and FX port link connection diagnostic,dynamic data transmission,full / half duplex,rate indicator

◆ Provide single RJ-45 port , and support automatically cross-recognition, connected with switch,set line

◆ FX port with good feature, strong compatibility and high reliability, can be well compatible with Cisco, Nortel, 3COM etc

◆ Excellent after-sales service, providing three years quality assurance and life-long maintenance services

Applications

◆ Harsh industrial environment or higher requirements for lightning protection

◆ Urban Intelligent Traffic Monitoring System (ITS), Safe City

◆ Highway monitoring system, electronic road monitoring, network cameras

◆ Large industrial enterprise security monitoring systems, network multifunction system

◆ Remote multimedia teaching / campus monitoring, remote network video conference system

Specifications

Technical parameter list	
Product Name	Dual Fiber Gigabit Media Converter with LC Fiber Port
Product Model	Diana: DMC-1G1F-LC-20-E
Connector Type	1x copper cable RJ45 port +1x fiber LC port
Bandwidth	Fiber bankwidth 1.25G; Ethernet Bandwith:1.6Gbps (non-blocking)
MTBF	190,000 hours (about 21 years)
Network Protocol	IEEE 802.3i 10BASET; IEEE 802.3u 100BASETX; IEEE 802.3x Flow Control; IEEE 802.1af DTE Power via MDI
Optical Fiber	Single mode dual fiber, LC port
Optical Distance	20km
Wavelength	1310nm
Interface Rate	10/100/1000M
LED Display	System, Power, Connecting, working status
Power Consumption	2.5W
Dimension	11x7x2.5cm
Working Environment	Working Temperature:-20℃～ 75°C; Storage Temperature: -40℃～ 85°C; Working Humidity: 5%～90%, non-condensing; Storage Humidity: 5%～95%, non-condensing; Operational Altitude: 3000m (10,000ft); Storage Altitude: 3000m (10,000ft)
Certification	CE,Rohs
Warranty	2+ year warranty