

MEDIA CONVERTER

MEDIA CONVERTER DUAL FIBER 10/100 TX SC, MM, SM



Key Features

- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3x auto-negotiation
- Optional 19" System Chassis (OPT-R14) holds up to 14 Media Converters
- Extends distances ranging from 2km (multi-mode fiber) to 120km (single mode fiber)
- Auto-negotiation support on RJ-45 port
- Auto-negotiation of duplex(HDX/FDX) on RJ-45 port
- Auto MDI/MDI-X support on RJ-45 port
- Status LED's for TX,FX LINK/ACT, POWER,100M to easily monitor network status
- External power supply
- Supports packet length up to 1600 bytes
- FCC Class A & CE approved



PRODUCT DESCRIPTION

Fast Ethernet networks. The easy implementation and expansion of 100Base-TX/FX networks can be further assured with this converter.

The converter is completely transparent when connected so the network performs exactly the way it did before - only now, it allows the co-existence of both copper and fiber mediums. Added flexibility is available with ST, SC, FC and WDM Simplex SC connectors. Extra distances are possible with the single mode version delivering up to 80km connectivity per transmitted segment.

It allows the installation of fiber cabling anywhere within a Fast Ethernet network topology by directly connecting to existing devices. Its compact modular design facilitates deployment in a narrow desktop location to save space.



Product Specifications

Interface

- 1 x Ethernet port (RJ45) 10/100Base-Tx
- 1 x Optical port (SC Duplex) 100Base-Fx

Optical Port

- Available for 1310nm and 1550nm Single mode, and 1310nm Multi mode;
- Transfer Distance: up to 120km;
- Connectors: SC/PC, ST/PC, FC/PC optional
- Fiber core: 8.3um, 8.7um, 9um and 10um on single mode fiber, 50, 62.5 and 100um on multi-mode fiber

Ethernet Port

- Standard: IEEE802.3, IEEE802.3u, IEEE802.3x
- Available speed: force 10 Mbps, force 100 Mbps and auto-detective 10/100Mbps Full-Duplex and Half-Duplex auto-negotiation
- Connectors: RJ-45 Connector; MDI/MDI-X connection auto-sensing

Physical Characteristics

- Housing: Metal enclosure
- Dimensions: 94 x 70 x 26mm (D x W x H)
- Weight: 0.28kg

Environmental Limits

- Operating Temperature: -10°C to 70°C
- Storage Temperature: -20°C to 70°C
- Operating Humidity: 10% to 90% RH
- Storage Humidity: 5% to 90% RH

LED Indicators

- Power, FDX, Status, Speed, FX Link/Act, TX Link/Act

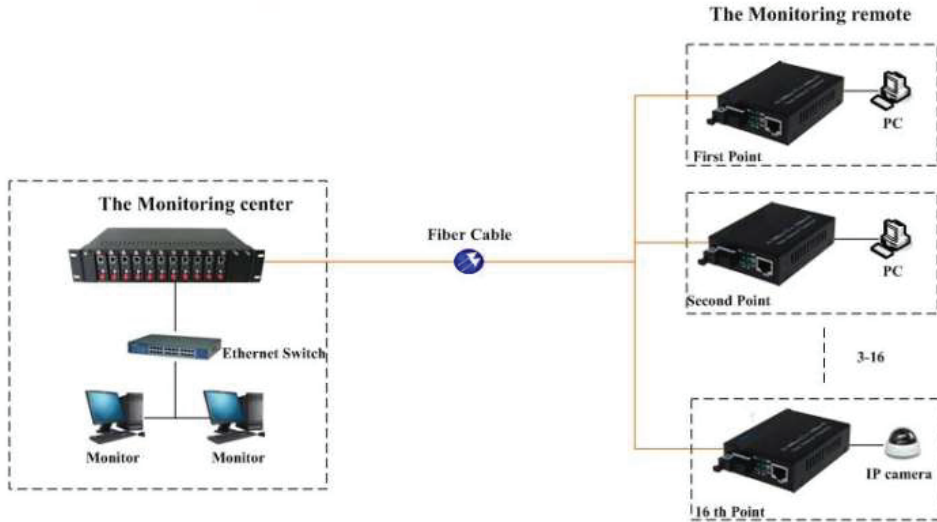
Power Requirement

- Input: 5VDC 1A

Agency Approvals

- FCC Part 15 of Class A & CE approved, RoSH

APPLICATION



ORDER INFORMATION

PRODUCT

PART NUMBER

• Media Converter 10/100 Tx SC, MM, 2Km	: MC-4N-02
• Media Converter 10/100 Tx SC, SM, 25Km	: MC-4N-25
• Media Converter 10/100 Tx SC, SM, 40Km	: MC-4N-40
• Media Converter 10/100 Tx SC, SM, 60Km	: MC-4N-60
• Media Converter 10/100 Tx SC, SM, 80Km	: MC-4N-80
• Media Converter 10/100 Tx SC, SM, 100Km	: MC-4N-100
• Media Converter 10/100 Tx SC, SM, 120Km	: MC-4N-120

