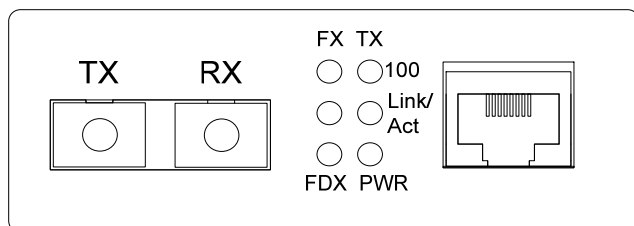# Model MC722MT-2
10/100 FIBER MEDIA CONVERTER

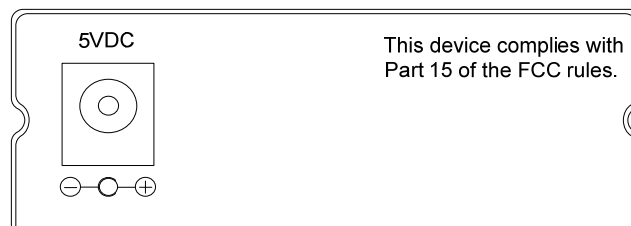# Installation and Operation Manual

Introduction

The MC722MT-2 auto-negotiating Fast Ethernet Media Converter set which is designed to translates between 10/100Base-TX copper and 100Base-FX fast Ethernet fiber cabling. The Media Converter enables you to extend the distance of your 10/100BaseTX Ethernet network up to 2 kilometers over Multi-Mode fiber.

The Converters are equipped with [1] duplex SC fiber connector transmit data over two fibers up to 2km.

Six LED indicators are built in for easy monitoring and system diagnostics for power, fiber and UTP, link and activity.
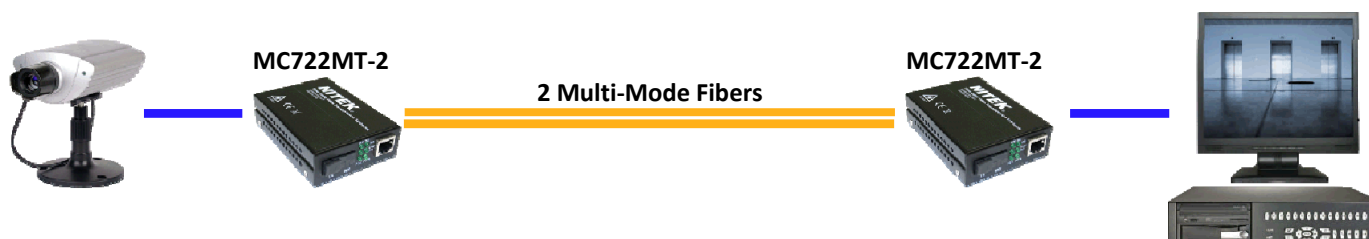
TX   RX

FX TX
○ ○ 100
○ ○ Link/Act
○ ○
FDX PWR

5VDC

This device complies with Part 15 of the FCC rules.

Front Panel   **Rear Panel**

LED Indicators		
LED	Color	Function
FX	Green	Lit when full-duplex mode is active
TX	Green	Lit, 100Mbs ; off 10Mbs
FX/Link Act	Green	Lit when fiber connection is made Blinks when data transfer is active
TX/Link Act	Green	Lit When RJ45 is Connected Blinks when data transfer is active
FDX	Green	Lit when full-duplex mode is active
PWR	Green	Lit when 5 Volt DC power is applied

MC722MT-2 Fiber Media Converter Installation Drawing

MC722MT-2   2 Multi-Mode Fibers   MC722MT-2

Installing the MC722MT-2 Fiber Media Converters

Refer to the above diagram when installing. Use best industry practices and follow all local building codes.

1) Connect a network patch cable from the network equipment's Ethernet s to the receiver.

2) Connect a Single Mode fiber cable between the transmitter and the receiver using SC fiber connectors.

3) Connect a network patch cable from the transmitter's Ethernet jack to the remote IP device (IP camera in this example).

4) Connect the supplied power transformers to the transmitter and receiver.

Trouble Shooting

Trouble Shooting

1. Is the Power LED on the media converter Illuminated?

    Answer—No
- Check to insure power adapter is properly connected to the media converter and the power outlet.
- Is the correct 5vold DC adapter that was supplied with the unit being used?
- Contact tech support at (800) 528-4343

2. Is the FX/ACT Illuminated?

    Answer—No
- Check the Fiber connection to the media converter.
- Check the SC fiber connector is clean and properly connected to the fiber cable
- Contact tech support at (800) 528-4343

3. Is the TX/ACT Illuminated?

    Answer—No
- Check the network connector for proper termination.
- Check to insure the network is transmitting data.
- Contact tech support at (800) 528-4343