

# Model MC722ST-80

## 10/100 FIBER MEDIA CONVERTER

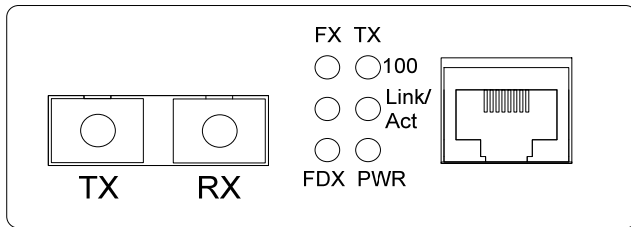
# Installation and Operation Manual

### Introduction

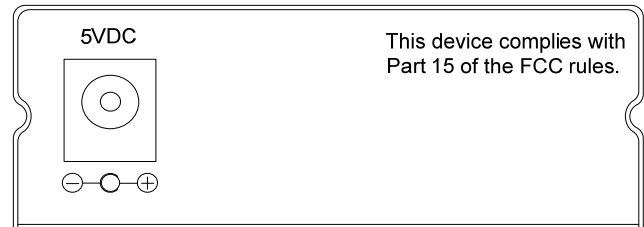
The MC722ST-80 auto-negotiating Fast Ethernet Media Converter set which is designed to translates between 10/100Base-TX copper and 100Base-FX fast Ethernet fiber cabling. The Media Converter enables you to extend the distance of your 10/100BaseTX Ethernet network up to 80 kilometers for single-mode fiber.

The Converters are equipped with [2] SC Fiber connector to transmit and receive up to 80km.

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



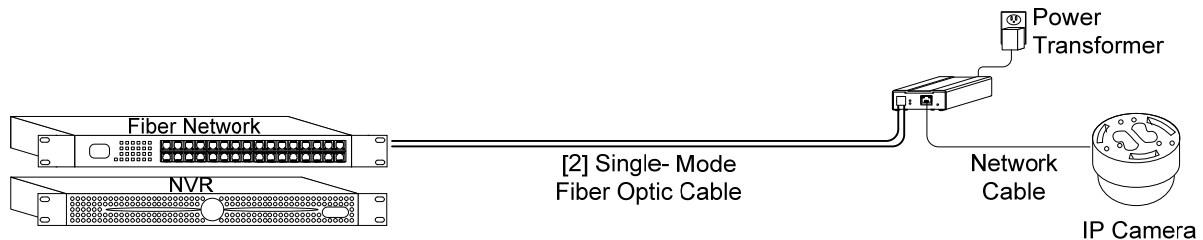
**Front Panel**



**Rear Panel**

LED Indicators		
LED	Color	Function
FX	Green	Lit when full-duplex mode is active
TX	Green	Lit, 100Mbps ; off 10Mbps
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

### MC722ST-80 Fiber Media Converter Installation Drawing



### Installing the MC722ST-80 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

(Continued on Page 2)

<h1>NITEK®</h1>	USA	5410 Newport Drive, # 24 Rolling Meadows, IL. 60008 Phone: (847) 259-8900 Fax: (847) 259-1300 E-mail: info@nitek.net WWW.NITEK.NET	EUROPE	De Schans 19-21 2a 8231 KA Lelystad Tel: +31(0)320-2300005 Fax: +31(0)320-282186 E-mail: info@nitek.nl WWW.NITEK.NL
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### **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

# **NITEK®**

USA

5410 Newport Drive, # 24  
Rolling Meadows, IL 60008  
Phone: (847) 259-8900  
Fax: (847) 259-1300  
E-mail: [info@nitek.net](mailto:info@nitek.net)  
[WWW.NITEK.NET](http://WWW.NITEK.NET)

EUROPE

De Schans 19-21 2a  
8231 KA Lelystad  
Tel: +31(0)320-2300005  
Fax: +31(0)320-282186  
E-mail: [info@nitek.nl](mailto:info@nitek.nl)  
[WWW.NITEK.NL](http://WWW.NITEK.NL)