

Model MC722ST-100

10/100 FIBER MEDIA CONVERTER

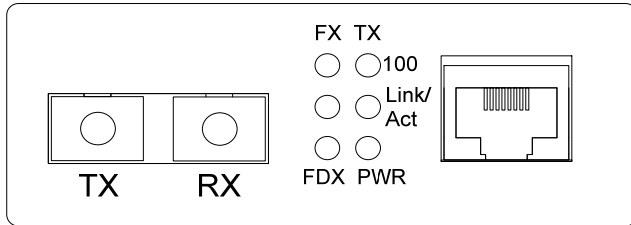
Installation and Operation Manual

Introduction

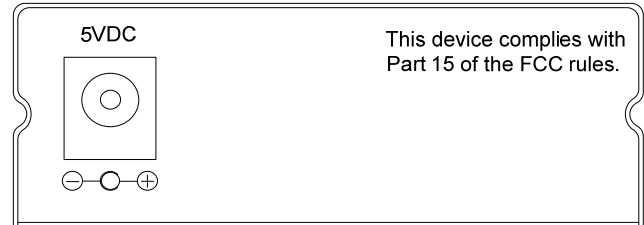
The MC722ST-100 auto-negotiating Fast Ethernet Media Converter set which is designed to translates between 10/100Base-TX copper and 100Base-FX fast Ethernet fiber cabling. The Media Converter enables you to extend the distance of your 10/100BaseTX Ethernet network up to 100 kilometers for single-mode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

The Converters are equipped with [2] SC Fiber connector to transmit and receive up to 100km.

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



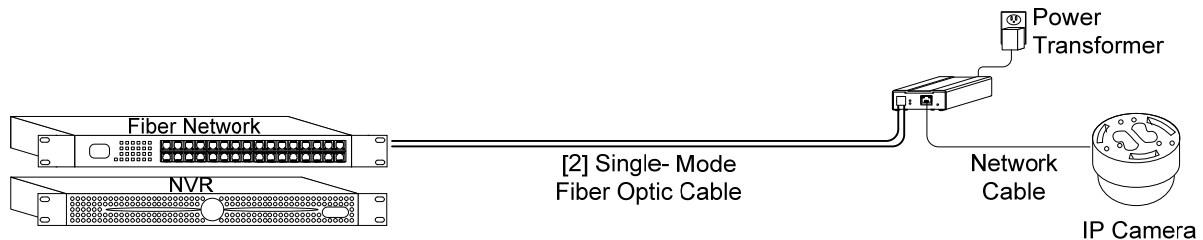
Front Panel



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-100 Fiber Media Converter Installation Drawing



Installing the MC722ST-100 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)

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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

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