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In-Band OAM Gigabit Ethernet to MM LC Fiber Media Converter - 550m, Metal Housing

ET91000LCOAM

*actual product may vary from photos

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Manual Revision: 03/10/2016

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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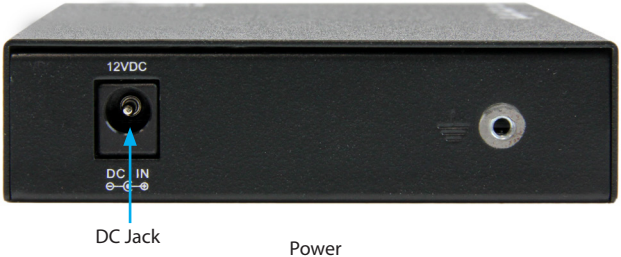
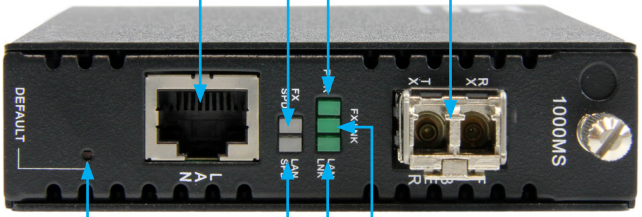
Product Overview

Side 1



DC Jack

Side 2



Power

FX Speed

RJ-45

LC Connector

Default

(Use to recover from lost password or to return all settings to factory default values)

LAN Speed

FX Link

LAN Link

The LAN Speed and FX Speed LEDs use 2 colors to indicate speed. Green indicates Fast Ethernet (100Mbps), while Yellow indicates Gigabit Ethernet. When the LEDs are off, it indicates a speed of 10Mbps.

Introduction

Packaging Contents

- 1x Fiber Media Converter
- 1x Universal Power Adapter (NA/UK/EU/AU)
- 1x Instruction Manual

System Requirements

- 1000BASE-T compatible Ethernet network equipment
- RJ45 terminated UTP Cat5e or better Ethernet cable
- Available AC electrical outlet

Factory Reset Procedure

Apply power to the unit and allow approximately 30 seconds to fully boot. Using a pencil or a ball-point pen, press the "DEFAULT" push button located on the face plate and hold it for 6 seconds. The media converter will be restored to its factory default values, which are:

IP: 10.1.1.1

Subnet Mask: 255.255.255.0

Gateway: 10.1.1.254

Username/Password: "admin"

Installation

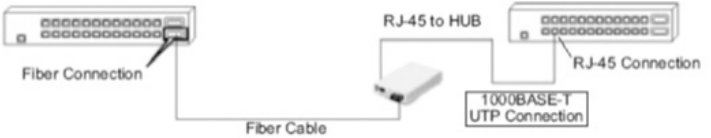
1. Connect the fiber optic network cable from a computer/switch/media converter to the LC connector on the media converter.

   NOTE: When connecting the fiber cable, make sure to connect the Tx (transmit) terminal on one end, with the Rx (receive) terminal on the other end.

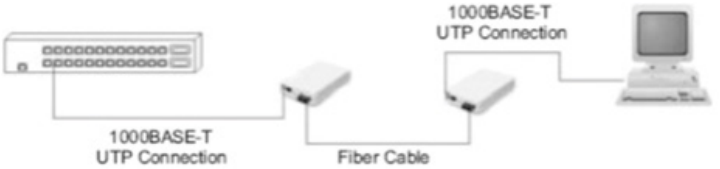
2. Connect a UTP Ethernet cable, from a computer/switch to the RJ45 jack on the media converter.

3. Connect the power adapter to the media converter.

The following example illustrates the connection scheme when connecting from a 1000BASE-T Ethernet port of a hub/switch to a 1000BASE-SX/LX port of another hub/switch. Through the fiber media converter:



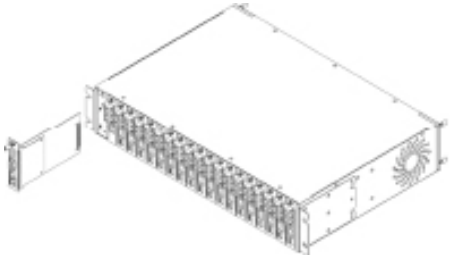
The following example illustrates the connection scheme when connecting from a 1000BASE-T Ethernet port on a hub/switch to a 1000BASE-T Ethernet Network Interface Card (NIC) in a computer through the fiber media converter:



Installation into ETCHS2U Chassis

The ETCHS2U chassis supports the full line of StarTech.com ET series 2 media converters, which can be installed in a mixed fashion to suit your environment. The cards are designed to be hot-swappable, meaning the chassis need not be powered off in order to remove or insert a card.

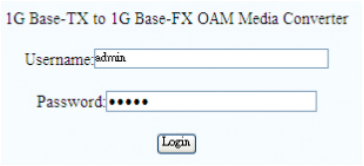
1. If the chassis slot was previously unused, loosen the screw at the top of the slot to remove the cover plate
2. Align the card with the desired slot of the chassis and gently slide the card into the groove to seat the power connection
3. Re-tighten the captive screw to hold the card in place



Operation

Web Login Page

The media converter can be configured via a Web Page, accessible through any web browser by using its IP address (Default IP: 10.1.1.1)



Enter the username and password (default username and password is "admin") and click "Login".

The configuration webpage will appear with the following options down the left side:

For full operating instructions, please visit http://www.startech.com/ET91000LCOAM

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit **www.startech.com/support** and access our comprehensive selection of online tools, documentation, and downloads.

For the latest drivers/software, please visit **www.startech.com/downloads**

Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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