

## Quick Start Guide

# VX-200MT-X3

## Hardened Micro 1000Base-T to 1000Base SFP Ethernet Media Converter

This quick start guide describes how to install and use the Industrial Media Converter. This is the Media Converter of choice for harsh environments constrained by space.

## Overview

VX-200MT-X3 is a micro media converter that supports external SFP modules and meets EN55022. It is an industrial product whose operating temperature range is -40°C to 75°C. VX-200MT-X3 supports 1000M Ethernet port and 1000M SFP port. The Ethernet port supports both half-duplex and full-duplex mode. VX-200MT-X3 is the same at the transmitter or receiver sides. Users can use different type of SFP modules (single-mode/multi-mode fiber, 1/2 core) as needed. The sleek design of the micro media converter occupies limited space and it's an ideal solution for easy installation within most camera housings.

### Disclaimer:

To ensure trouble free transportation and storage, all Versa Technology products must be thoroughly inspected, tested and properly packed before delivery. Check the product upon receipt for any visible damage, which may have been caused during shipment.

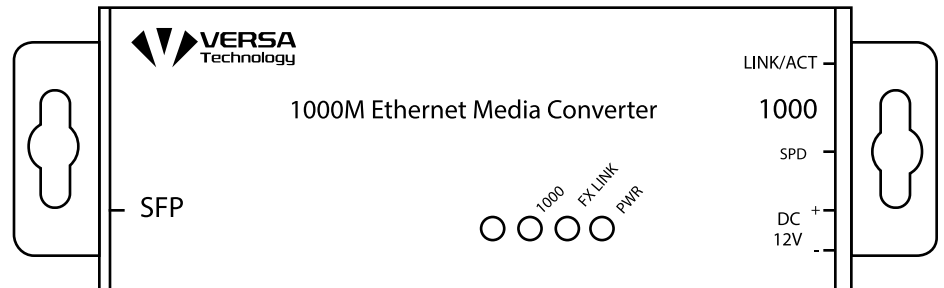
## Package Content

- VX-200MT-X3 Media Converter x 1
- Power Adapter x 1
- Quick Start Guide x 1

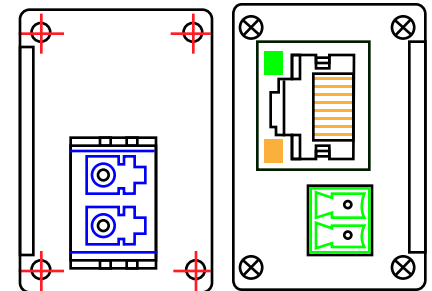
## Physical Description

### The Port Status LEDs

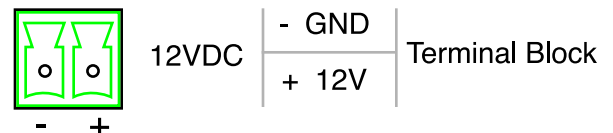
LED	State	Indication
PWR	Green	Power on
	Off	Power off
1000	Green	TX and RX Fiber link stable
SPD	Amber	1000Base-TX
	Off	Network not connected
LINK/ACT	Steady	A valid network connection established
	Flashing	Transmitting or receiving data ACT stands for Activity



Front/Rear Panel



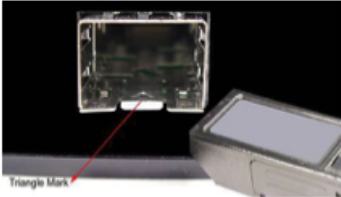
Power Connection



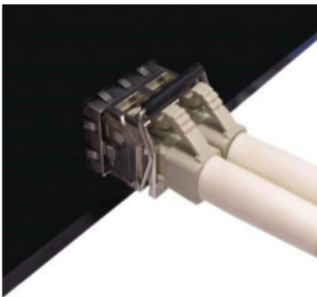
## Installation

**SFP Transceiver Module:** You can select different SFP modules as required (Please refer to our SFP selection list for the appropriate module).

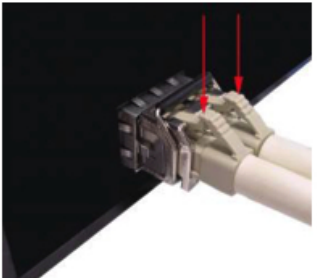
To insert/remove the SFP, the procedures are as follow:



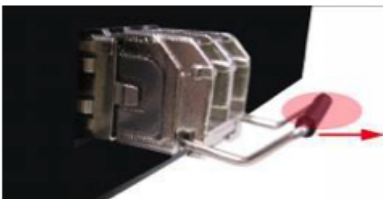
1. On the side panel, insert the SFP module into the SFP port until it is securely locked.



2. Connect the optical fiber (1/2 core) to the LC connector(s) of the SFP.



3. To remove the SFP module, press down the lock of the LC connector of the optical fiber to pull out the fiber cable.



4. Pull down the SFP lever and hold its position. Pull out the SFP module from the SFP port.

## Setup

- Connect the Ethernet port of the media converter to a PC or network device with a network cable.
- Insert the appropriate SFP into the corresponding SFP port. Connect the fiber cable from the remote device (media converter or switch) to the LC connector of the SFP.
- After the device is powered on, the PWR indicator will all be on. If the indicators are not on, check the power supply connection.
- After all cables are correctly connected, the indicators will be lit as per port status LEDs (page 1).

## Functional Description

- Converts 1000Base-T RJ-45 to 1000Base-X SFP.
- Supports Full/Half duplex.
- Supports External SFP.
- Supports Auto-MDI/MDIX.
- Sleek micro design, fits within most camera housing.
- Extensive LED indicators for network diagnostics
- Environmentally hardened -10°C to 60°C (14°F to 140°F) operating temperature.

## Installation and Power

- **Installation:** Mount the micro media converter unit onto a fixture, or camera housings, e.g. a plank, (either on the wall or on a flat surface) with at least 2 screws piercing through the holes on the mounting frame to secure it in position.
- **Power:** Connect the supply voltage to start up the media converter via the terminal block.

## Dimension Drawing for the Micro Unit

