

# FCU-3003-SFP

10/100/1000Tx to 1000SX/LX Media Converter with SFP Slot



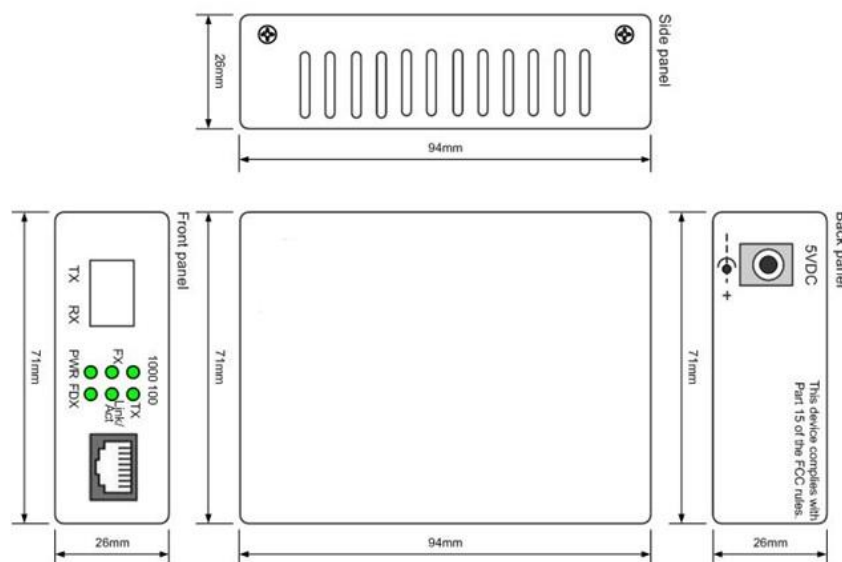
## Features

- ▶ Complies with IEEE 802.3/u/ab 10/100/1000BaseTx
- ▶ Complies with IEEE 802.3z 1000BaseFx
- ▶ Supports SFP Connector
- ▶ Store and Forward Switching Architecture
- ▶ Supports 1.6Kbytes Jumbo Frame
- ▶ Supports Overload Current Protection
- ▶ Supports Power Reverse Polarity Protection
- ▶ IP30 Rugged Metal Case Design
- ▶ DIN-Rail and Wall Mount Support
- ▶ 5-Year Warranty

## INTRODUCTION

Antaira Technologies' **FCU-3003-SFP** is a compact gigabit fiber to 10/100/1000 Ethernet media converter. The FCU-3003-SFP is housed in an industrial metal case and conforms to the FCC emission standards. The FCU-3003-SFP features a standard LC fiber connector as well as the copper STP-RJ45 Ethernet connector. The FCU-3003-SFP is fully compliant with the IEEE 802.3z 1000Base-SX/LX and IEEE 802.3ab, 1000Base-T. The FCU-3003-SFP features LED lights that provide indicators for Power, TP-Link/ACT, and Fiber Link/ACT. The FCU-3003-SFP is a flexible gigabit media converter, capable of the ever-changing environment with hot swap-able SFP ports.

## DIMENSIONS



## SPECIFICATIONS

Technology	
<b>Standards</b>	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000BaseT IEEE 802.3z 1000Base
<b>Processing Type</b>	Store and Forward
<b>Flow Control</b>	IEEE 802.3x back pressure flow control
Properties	
<b>Transfer Rate</b>	14,880pps for Ethernet port 148,800pps for Fast Ethernet port 1,488,000pps for Gigabit Ethernet port
<b>Packet Buffer</b>	128KB
<b>Jumbo Frame</b>	1.6Kbytes
<b>MAC Table Size</b>	2K
Interface	
<b>Ethernet Port</b>	1*10/100/1000Base-TX Auto negotiation speed, Full/Half duplex mode, and auto MDI/MDI-X connection
<b>SFP Port</b>	1*SFP Slot
<b>Wavelength</b>	SFP dependent
<b>Distance</b>	SFP dependent
<b>LED Indicators</b>	PWR (power supply) FL/A (optical link/action) FDX (FX full duplex) TL/A (twisted pairs link/action) 100 (100M transmission rate of twisted pairs) 1000 (1000M transmission rate of twisted pairs)

Mechanical Characteristics	
<b>Housing</b>	Metal, IP30 rated
<b>Dimension</b>	71 x 94 x 26 mm (W x H x D)
<b>Weight</b>	Unit: 0.88 lb. Shipping: 1.08 lbs
<b>Mounting</b>	DIN-Rail mounting, Wall mounting, Chassis mounting
Power Requirement	
<b>Input Voltage</b>	100~240VAC or 36~72VDC
<b>Power Connection</b>	1*external power adaptor
<b>Overload Current Protection</b>	Present
<b>Reverse Polarity Protection</b>	Present
<b>System Power Consumption</b>	3W
Environmental Limits	
<b>Operating Temperature</b>	-10°C to 55°C
<b>Storage Temperature</b>	-40°C ~ 70°C
<b>Ambient Relative Humidity</b>	5 to 95%, (non-condensing)
Regulatory Approvals	
<b>Green</b>	RoHS Compliant
<b>Certifications</b>	FCC, CE
<b>Warranty</b>	5 Years

## ORDERING INFO

<b>FCU-3003-SFP</b>	10/100/1000Tx to 1000SX/LX Media Converter with SFP Slot
<b>FCU-RACK16S</b>	16-Slot Unmanaged Universal Media Converter Rack, Compact Size, with AC Power Supply
<b>FCU-RACK16-AC</b>	16-Slot Unmanaged Universal Media Converter Rack with AC Power Supply
<b>FCU-RACK16-DC</b>	16-Slot Unmanaged Universal Media Converter Rack with DC Power Supply

TO LEARN MORE - CONTACT:



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