

# FCN-3112 Series

1010/100/1000TX to 1000SX SNMP Managed Media Converter



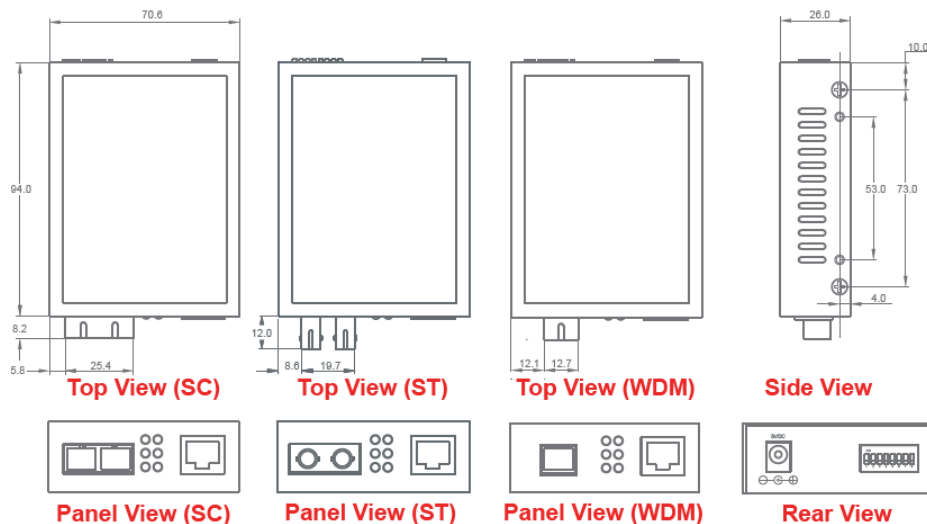
## Features

- ▶ Complies with IEEE 802.3/802.3u/802.3ab/802.3z
- ▶ Store and Forward Switching Mechanism
- ▶ Auto-Negotiation in TP Port
- ▶ Auto-Cross Over for MDI/MDIX in TP Port
- ▶ Supports Flow Control
- ▶ Supports Jumbo Frame 9K Bytes
- ▶ Supports Link Alarm
- ▶ Supports Loopback Test
- ▶ Supports Selectable ISP Ethernet Tag Type
- ▶ Supports Q-in-Q Double Tag Configuration
- ▶ Supports Bandwidth Control
- ▶ Supports DHCP Client
- ▶ Supports SNMP/ Web Managed Interface
- ▶ Supports SNMP V1 and V2c
- ▶ Supports HTTP Firmware Upgrade
- ▶ Supports Power Down Trap Management
- ▶ 5-Year Warranty

## INTRODUCTION

Antaira Technologies' FCN-3112 series media converter is a managed, SNMP capable, multi-mode Gigabit Ethernet converter. The FCN-3112 will take 10/100/1000BaseT copper Ethernet and convert it to 1000BaseX fiber. The FCN-3112 features a standard SC fiber connector as well as the STP-RJ45 Ethernet connector. The copper media converter is fully compliant with IEEE 802.3u, 802.3ab, and 802.3z standards. The enterprise media converter features LED diagnostics for power, activity, link, and Full/Half Duplex operations.

## DIMENSIONS



## SPECIFICATIONS

<b>Technology</b>		<b>Power Requirement</b>	
<b>Standards</b>	IEEE 802.3 10BaseT	<b>Input Voltage</b>	External Power Supply: DC 5V, 1.5A 50, 60 Hz
	IEEE 802.3u 100BaseTX	<b>Power Connection</b>	Barrel
	IEEE 802.3ab 1000BaseT	<b>Power Consumption</b>	3.4 Watts
	IEEE 802.3z 1000BaseX	<b>Environmental Limits</b>	
	IEEE 802.3x Flow Control	<b>Operating Temperature</b>	0°C to 50°C (32°F to 122°F)
<b>Processing Type</b>	Store and Forward	<b>Storage Temperature</b>	-20°C to 60°C (-4°F to 140°F)
<b>Protocol</b>	CSMA/CD	<b>Ambient Relative Humidity</b>	5% to 90% (Non-condensing)
<b>Switch Properties</b>		<b>Regulatory Approvals</b>	
<b>Memory Buffer</b>	256Kb	<b>Green</b>	RoHS
<b>MAC Table Size</b>	1K	<b>Certifications</b>	FCC Class A, CE
<b>Interface</b>		<b>Warranty</b>	5 Year
<b>Ethernet Port</b>	1*RJ45 Port w/10/100/1000TX		
<b>Fiber Port</b>	1*Fixed Fiber 1000mbps		
<b>Fiber Wavelength</b>	FCN-3112SC: 850nm		
	FCN-3112SC-S1/S2: 1310nm		
	FCN-3112WA: TX-1310nm; RX-1550nm		
	FCN-3112WB: TX-1550nm; RX-1310nm		
<b>LED Indicators</b>	Power, FDX, Status, Speed, FO Link/ACT, TX Link/ACT		
<b>Mechanical Characteristics</b>			
<b>Housing</b>	Metal, IP30		
<b>Dimensions</b>	(W x H x D): 71 x 94 x 26 mm (2.80 x 3.70 x 1.02 inches)		
<b>Weight</b>	0.6 Kg (1.3 lbs.)		

## ORDERING INFO

<b>FCN-3112SC</b>	10/100/1000TX To 1000SX SNMP Managed Media Converter, Multi-Mode 550M, SC Connector
<b>FCN-3112SC-S1</b>	10/100/1000TX To 1000LX SNMP Managed Media Converter, SM 10KM, SC Connector
<b>FCN-3112SC-S2</b>	10/100/1000TX To 1000LX SNMP Managed Media Converter, SM 20KM, SC Connector
<b>FCN-3112WA-M</b>	10/100/1000TX To 1000LX Single Fiber (WDM-A) SNMP Managed Media Converter, Multi-Mode 550M, TX1310nm - RX1550nm
<b>FCN-3112WA-S1</b>	10/100/1000TX To 1000LX Single Fiber (WDM-A) SNMP Managed Media Converter, SM 10KM, TX1310nm - RX1550nm
<b>FCN-3112WA-S2</b>	10/100/1000TX To 1000LX Single Fiber (WDM-A) SNMP Managed Media Converter, SM 20KM, TX1310nm - RX1550nm
<b>FCN-3112WB-M</b>	10/100/1000TX To 1000LX Single Fiber (WDM-B) SNMP Managed Media Converter, Multi-Mode 550M, TX1550nm - RX1310nm
<b>FCN-3112WB-S1</b>	10/100/1000TX To 1000LX Single Fiber (WDM-B) SNMP Managed Media Converter, SM 10KM, TX1550nm - RX1310nm
<b>FCN-3112WB-S2</b>	10/100/1000TX To 1000LX Single Fiber (WDM-B) SNMP Managed Media Converter, SM 20KM, TX1550nm - RX1310nm

TO LEARN MORE - CONTACT:



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