

FCN-3112 Series

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



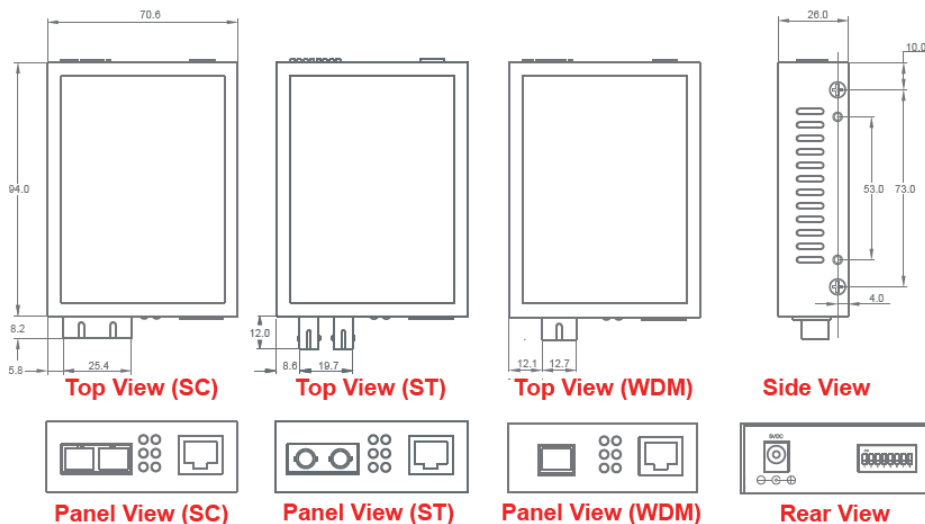
Features

- ▶ 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

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

ORDERING INFO

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