

FCN-3112 Series

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



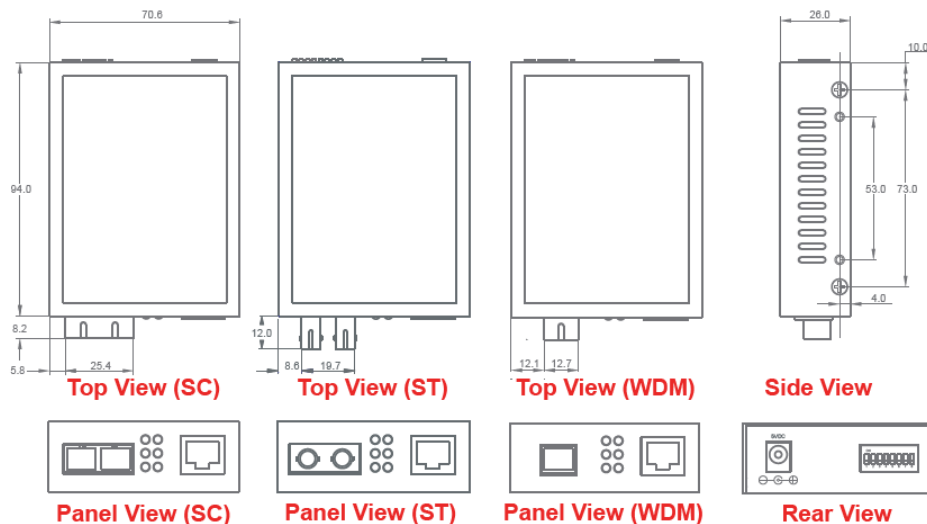
Features

- ▶ 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

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|-----------------------------------|--|
| Technology | |
| Standards | IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3ab 1000BaseT IEEE 802.3z 1000BaseX IEEE 802.3x Flow Control |
| Processing Type | Store and Forward |
| Protocol | CSMA/CD |
| Switch Properties | |
| Memory Buffer | 256Kb |
| MAC Table Size | 1K |
| Interface | |
| 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.) |

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|----------------------------------|---|
| Power Requirement | |
| Input Voltage | External Power Supply: DC 5V, 1.5A 50, 60 Hz |
| Power Connection | Barrel |
| Power Consumption | 3.4 Watts |
| Environmental Limits | |
| Operating Temperature | 0°C to 50°C (32°F to 122°F) |
| Storage Temperature | -20°C to 60°C (-4°F to 140°F) |
| Ambient Relative Humidity | 5% to 90% (Non-condensing) |
| Regulatory Approvals | |
| Green | RoHS |
| Certifications | FCC Class A, CE |
| Warranty | 5 Year |

ORDERING INFO

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|----------------------|---|
| 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 |