

JHA-MG11C Series

10/100/1000TX – 1000FX Dual Fiber| Card Type Managed Fiber Media Converter ANT-IMG11C

Card Type 2-port Managed Fiber Media Converter, 1-port 1000Base-FX and 1-port 10/100/1000Base-T(X)

Introduction

ANT-IMG11C is remote manageable fiber media converters offer a high price/performance ratio; cover all functions of non-manageable fiber media converter including variety of data rate SM/MM, single fiber and double fiber etc. with simple set-up and complete function management interface, it supports protocols like SNMP, WEB, TELNET and CONSOLE, and realizes the integrated management to all chassis. Support a variety of network management, including SNMP, WEB, Console and Telnet and other network management methods, can achieve the centralized network management rack. The device can be widely used in safe city, rail transportation, operator network construction and other projects.



ANT-IMG11C IEEE802.3ah OAM managed ethernet fiber media converter can supervise the real time situation of remote manageable fiber media converter and set the functions. With this system, the response speed of operator is quickened, the daily maintenance and network expenditure of the operators are reduced, and the serving quality of them is enhanced.

Features

Hardware

- Support 10Base-T, 100Base-T, 1000Base-T
- Meet standards IEEE802.3z, IEEE802.3u, IEEE802.3x and IEEE802.3ah.
- With high performance auto-sensing exchanging chipset meeting industrial standard, securing steady and non-traffic jam data transmission and exchanging.
- Max.2046bytes packet at store-and-forward mode, Max. 9K bytes packet at cut-through mode.
- AUTO-MDIX at electrical port, convenient for the user.
- low power consumption, low heat, standalone type with 10W special communication power supply, chassis with dual redundant power supply.
- hot swap media converter(in card type) and management card?single fiber or double fiber(single fiber media converters should be used in pair), standalone type or 16 slots chassis are optional

Advantages

- Master-and-slave structure, Max. cascading chassis number is 4.
- The failure of the management card won't influence the work of other modules.
- Supporting remote and local management. Supporting protocols like CONSOLE, WEB and SNMP.
- Interface for management: RS232 Console Port (RJ45) and 10/100Mbps RJ-45 Ethernet port.

Complete system information can be set up and displayed, including the name of the chassis, terrain information, IP address and the versions of the hardware and software.

- 10/100/1000M media converter card support SFP, CWDM SFP, DWDM SFP and can also display its DDM function.
- Media converter card supports protocols like Q-in-Q Double Tag VLAN, IEEE802.1q Tag VLAN and IEEE802.3x Flow control.
- Detailed information regarding power supply can be tracked including AC or DC, power and present working status.
- Real time display of voltage and temperature on the cards of the media converters.
- Each port at local or remote devices can be set up or tracked, including the connecting status, connecting speed, half/full duplex, port locked and LFP.
- With rate limiting, any rate between 0Mbps and 100M bps can be set at the basic frame of 32Kbps, and any rate between 0Mbps and 1000M bps can be set at the basic frame of 64Kbps.
- Supporting Link Loopback test, precisely locating the failure, convenient for link test.
- Remote power off alarming, precisely distinguish remote failure.
- With SNMP protocol, Trap Destination and Community Name and related right can be set up, real time receive and display of alarming information in way of SNMP Trap, special supervising window, bumping alarming information.
- Offering MIB files, convenient to be merged to the third party's software like Openview and SNMPC.
- Powerful historical alarming and operating log information tracking and management function.
- Support Equipment remote-restart, system or module restart by management software.
- Flow statistic and pre-alarming function, real-time display of the communication status at each port.
- With graded management mode (common user, super user and administrator), and user identification function.
- Reset to factory set up or dip switch status are optional. Supporting online upgrading by FTP.
- NMS supports network device auto-detect and auto-adding.
- Real-time display of voltage and temperature on the chassis and the operating status of the fans
- With centralized management and Top tree, several chassis can be managed in the same interface at the same time; with grouping management any converter can be conveniently manipulated among many converters

Specification

Protocol Standard	Meet standards: IEEE802.3z, IEEE802.3u, IEEE802.3x and IEEE802.3ah
Wavelength	850nm/1310nm/1550nm
Transmission Distance	Cat5 100m Multimode, Dual-fiber 550m Single Mode, Dual-fiber 20/40/60/80/100/120Km
Ethernet Port	RJ45 Ports, Connection STP / UTP Cat5/Cat5e Cooper Cable
Fiber Port	Multimode, Dual-fiber SC/FC/ST/LC (Diameter 50/125, 62.5 / 125µm) Single Mode, Dual-fiber SC/FC/ST/LC (diameter 9/125µm)

LED Indicator	PWR (Power Supply) FX LINK/ACT (Optical fiber port connection) LFP (LFP function working) TX LINK/ACT (Ethernet port connection) TX SPD (Ethernet port speed indicate) TX DUP (Ethernet port full duplex mode)
Power Supply	Power Input: AC 110-220V / DC 48-110V Full Load:
Working Environment	Operating Temperature: -20~70 Storage Temperature: -40~70 Storage Humidity: 5% to 90% non-condensing
Certification	CE, FCC, RoHS

Order Information

Model No.	Description of Goods
ANT-IMG11C	Card type fiber media converter, 10/100/1000M Multimode, Dual Fiber, 550m, SC/ST/FC/LC Connector