

FR-6101

10/100Base-TX, 100Base-FX

16-slot multifunctional management system is a Ethernet and SDH transmission equipment, support multiple services including managed media converter card, OEO Converter card, 1+1 protection switching card, CWDM/DWDM MUX/DEMUX Card, etc. supports protocols like SNMP, WEB, CONSOLE and TELNET, with a strong management function, and operate easily to meet different customer's requirement.



Features

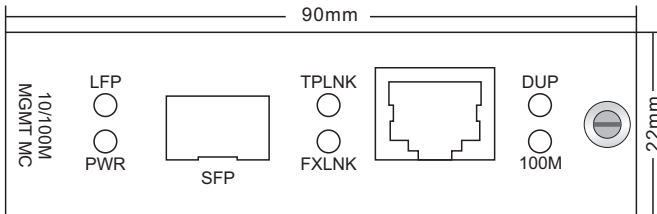
- Supporting 10/100M, full/half duplex autosensing
- Supporting 1*9 transceiver and SFP transceiver
- Supporting IEEE802.3, IEEE802.3X
- Supporting auto-MDI/MDIX
- Max. 2046 bytes packet at store-and-forward mode; Max. 9K bytes packet at cut-through mode
- Rate Limit function, 32Kbps
- Supporting Loopback, precisely locating the failure, convenient for link test
- Supporting LFP, quickly locates the failure
- Supporting remote power off alarming
- Economical management function within bandwidth
- Support SFP DMI (Diagnostic Monitoring Interface) function
- The status of 10/100M media converters with IP113A/C/F/M chipsets can be monitored and queried at the same chassis system
- Supporting hot plug
- Supporting Remote management
- Easy installation with complete LED indicators for working situation
- With powerful network management function, supporting WEB and SNMP
- Supporting 2U chassis (16 slots) and standalone use

Specification

Transmission Distance	Twisted-pa: 100M (standard CAT5/CAT5e cable) SFP, Distance depend on plug-in Fiber Transceiver Fiber: MM 500m/2km, SM 20/40/60/80/120km
Forwarding Mode	Store-and-forward or Pass-Through
Forwarding Frame Length	2046Bytes
LFP mode	Support
DIP Switches	DIP-1: Copper forced mode/auto-negotiation mode DIP-2: Copper speed 100Mbps/1000Mbps DIP-3: Copper Forwarding mode DIP-4: LFP mode
Software Features	Supports LFPT (Link Fault Pass Through) Supports Digital Diagnostic Monitor Interface (DDMI) for SFP Web/SNMP/EMS management Supports OAM/IP in-band management Ingress/Egress Bandwidth control per port Supports 16 IEEE 802.1Q Tag VLAN Group SNMP alarm trap for power loss and port link down Remote loop back test Dying gasp (remote power failure detection)
Power Requirement	Operating Voltage DC 5V Rated Current: 0.5A Power Consumption: Full-load<4W

Environmental Requirement	Operating Temperature: 0 ~50 Storage Temperature : -10 ~70 Relative Humidity: 5%~95% MTBF: 56,000 h Enclosure: Metal
Dimensions	120mm(H)×90mm(D)× 22mm(W)
Weight	100g
Warranty	1 Year
Emissions	FCC Class A, CE Class A

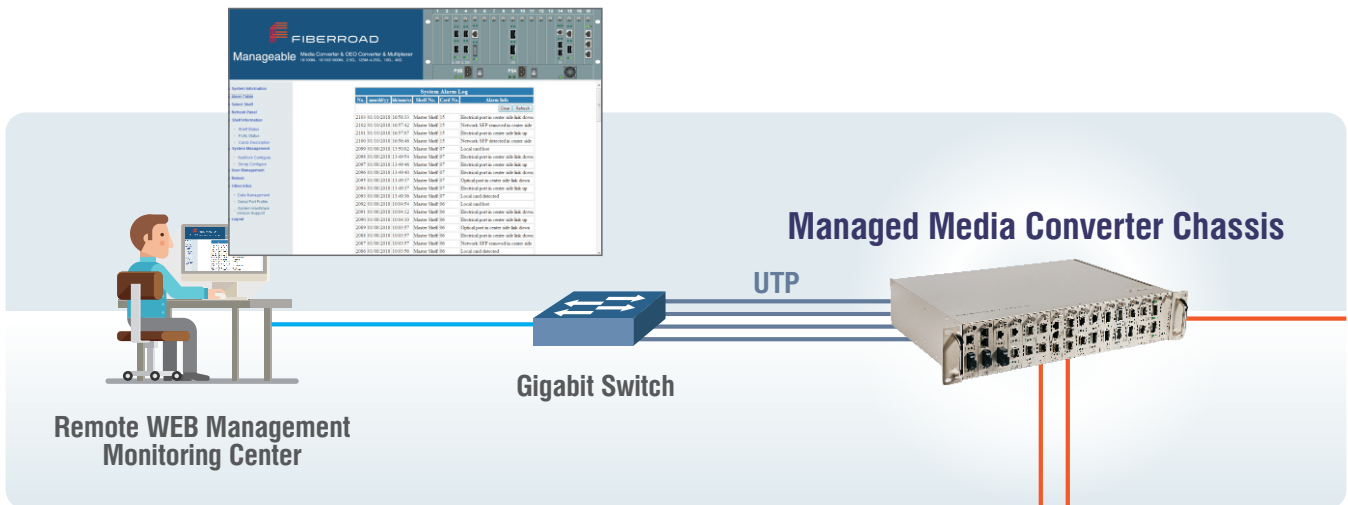
Dimensions



Package List

- 1 x Fiber Switch
- 1 x Rail Mounting Kit
- 1 x Wall Mount Kit
- 1 x Warranty Card

Application



Order Information

Model Number	Port Description
FR-6101-XXXX	10/100Base-TX to 100Base-FX Media Converter Card
FR-6101R-XXXX	10/100Base-TX to 100Base-FX Media Converter(Remote Standalone)

*Fiber port can add 1*9 module. RJ45 port with PoE optional.



FIBERROAD