ETS
ENTASOURCE CO.,LTD

ETS-M1100 series

Managed Media Converter

100Base-Fx to 10/100Base-Tx

RoHS Compliant

Description

The ETS-M1100 series is designed to make conversion between 100Base-FX to 10/100Base-TX Fast Ethernet. With SNMP agent and web-based management, the network administrator can logon the converter to monitor, configure and control the activity of each port. In addition, the converter implements bandwidth rating management capability via the intelligent software. The overall network management is enhanced, and the network efficiency is also improved to accommodate and deliver high bandwidth applications.

The converter is completely transparent when connected so the network performs exactly the way it did before - only now, it allows the co-existence of both copper and fiber mediums. Added flexibility is available with ST, SC, FC and WDM Simplex SC connectors. Extra distances are possible with the single mode version delivering up to 120km connectivity per transmitted segment.

Main Features

- Complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3x auto-negotiation
- Extends distances ranging from 2km (multi-mode fiber) to 120km (single mode fiber)
- Wall-Mountable
- Auto-negotiation of duplex(HDX/FDX) on RJ-45 port
- Auto MDI/MDI-X support on RJ-45 port
- 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
- Supporting Remote management
- Easy installation with complete LED indicators for working situation
- With powerful network management function, supporting WEB and SNMP

Specifications

Interface
- 1 x Ethernet port (RJ45) 10/100Base-Tx
- 1 x Optical port (1x9) 100Base-Fx

Optical Port
- Available for 1310nm and 1550nm Single mode, and 1310nm Multi mode;
- Transfer Distance: up to 120km;
- Connectors: SC/PC, ST/PC, FC/PC optional
- Fiber core: 8.3um, 8.7um, 9um and10um on single mode fiber, 50, 62.5 and 100um on multi-mode fiber

Ethernet Port
- Available speed: force 10 Mbps, force 100 Mbps and auto-detective 10/100Mbps Full-Duplex and Half-Duplex auto-negotiation
- Connectors: RJ-45 Connector; MDI/MDI-X connection auto-sensing

Standard
- IEEE802.3（10Base-T）
- IEEE802.3u（100Base-TX/FX）
- IEEE802.3x（Flow control）
- SNMP v1/v2c(Simple Network Management Protocol)

LED Indicators
- Power Status, Speed Status, FX Link/Act, TX Link/Act

Power Requirement
- Input: 220V AC Internal Power Adapter

Physical Characteristics
- Housing: Metal enclosure
- Dimensions: 156 x 128 x 32mm (excluding the connector and power switch)
- Weight: 0.75kg

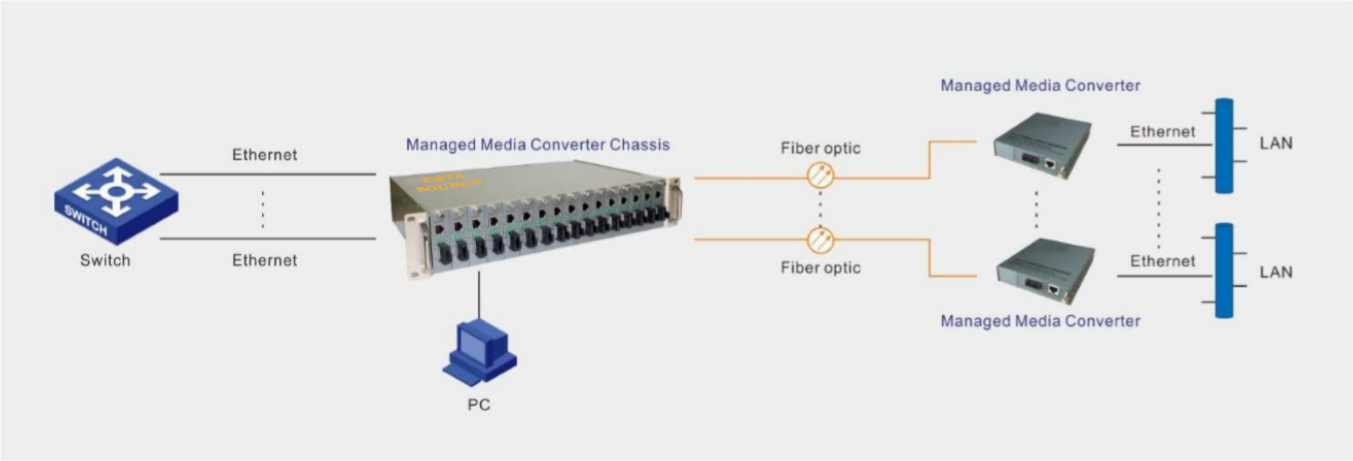
Environmental Limits
- Operating Temperature: 0°C to 50°C
- Storage Temperature: -20°C to 70°C
- Operating Humidity: 10% to 90% RH (non-condensing)
- Storage Humidity: 5% to 90% RH (non-condensing)

Agency Approvals
- FCC Part 15 of Class A & CE approved

Warranty
- 3 years

Applications

The following illustrates typical applications for the ETS-M1100 series. The actual distances will depend on several factors including the quality of cables used and the terminal equipment employed.



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Ordering Information

Double Fiber Media Converter	
ETS-M1100	100Base-Fx to 10/100Base-Tx, Multi mode, 2Km, SC/ST/FC, with Managed
ETS-M1100S25	100Base-Fx to 10/100Base-Tx, Single mode, 25Km, SC/ST/FC, with Managed
ETS-M1100S40	100Base-Fx to 10/100Base-Tx, Single mode, 40Km, SC/ST/FC, with Managed
ETS-M1100S60	100Base-Fx to 10/100Base-Tx, Single mode, 60Km, SC, with Managed
ETS-M1100S80	100Base-Fx to 10/100Base-Tx, Single mode, 80Km, SC, with Managed
ETS-M1100S100	100Base-Fx to 10/100Base-Tx, Single mode, 100Km, SC, with Managed
ETS-M1100S120	100Base-Fx to 10/100Base-Tx, Single mode, 120Km, SC, with Managed
WDM Fiber Media Converter	
ETS-M1200S25	100Base-Fx to 10/100Base-Tx, Bi-Directional, 25Km, SC/ST/FC, with Managed
ETS-M1200S40	100Base-Fx to 10/100Base-Tx, Bi-Directional, 40Km, SC/ST/FC, with Managed
ETS-M1200S60	100Base-Fx to 10/100Base-Tx, Bi-Directional, 60Km, SC, with Managed
ETS-M1200S80	100Base-Fx to 10/100Base-Tx, Bi-Directional, 80Km, SC, with Managed

Important Notice

Performance figures, data and any illustrative material provided in this data sheet are typical and must bespecifically confirmed in writing by ENTA SOURCE before they become applicable to any particular order or contact.In accordance with the ENTA SOURCE policy of continuous improvement specifications may change without notice.

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