ETS

ENTASOURCE CO.,LTD

ETS-M2200 Series

Managed Media Converter

1000Base-Fx to 10/100/1000Base-Tx

RoHS Compliant

FC CE

Description

The ETS-M2200 Series is designed to make conversion between 1000Base-FX to 10/100/1000Base-TX Gigabit 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, IEEE802.3z, IEEE802.3ab, 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, 64Kbps
- 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) 10/100/1000Base-Tx
- 1 x Optical port (1x9) 1000Base-Fx

Optical Port
- Available for 1310nm and 1550nm Single mode, and 850nm 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 10Mbps, force 100Mbps, force 1000Mbps and auto-detective 10/100/1000Mbps 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）
- IEEE 802.3ab (1000Base-T)
- IEEE 802.3z (1000Base-SX/LX/CX/T)
- 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)
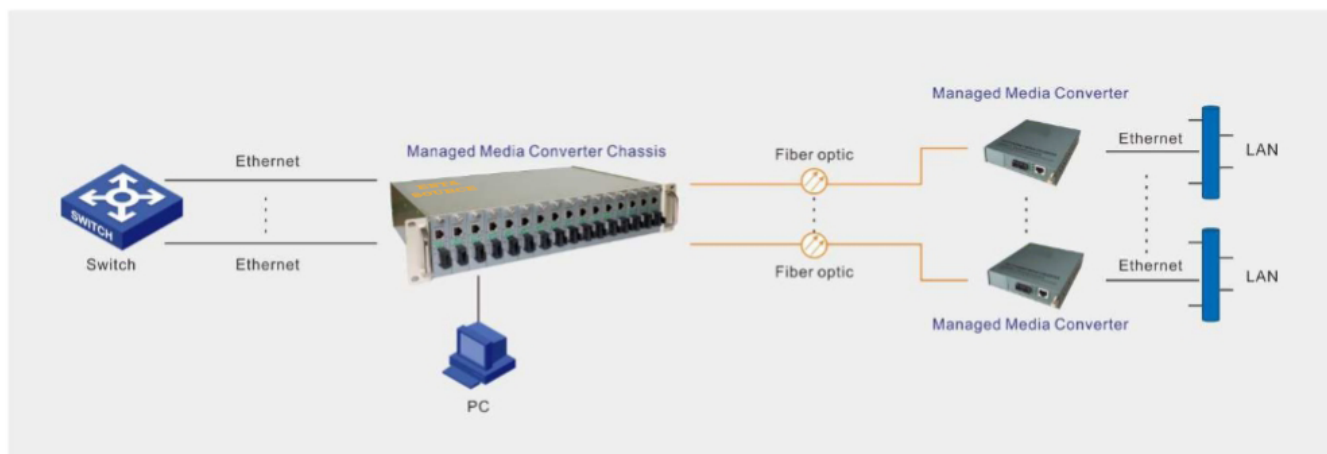
Agency Approvals
- FCC Part 15 of Class A & CE approved

Warranty
- 3 years

Applications

The following illustrates typical applications for the ETS-M2200 series. The actual distances will depend on several factors including the quality of cables used and the terminal equipment employed.

Ordering Information

Double Fiber Media Converter

ETS-M2200	1000Base-Fx to 10/100/1000Base-Tx, Multi mode, 0.5Km, SC/ST/FC, with Managed
ETS-M2200S20	1000Base-Fx to 10/100/1000Base-Tx, Single mode, 20Km, SC/ST/FC, with Managed
ETS-M2200S40	1000Base-Fx to 10/100/1000Base-Tx, Single mode, 40Km, SC/ST/FC, with Managed
ETS-M2200S60	1000Base-Fx to 10/100/1000Base-Tx, Single mode, 60Km, SC, with Managed
ETS-M2200S80	1000Base-Fx to 10/100/1000Base-Tx, Single mode, 80Km, SC, with Managed
ETS-M2200S100	1000Base-Fx to 10/100/1000Base-Tx, Single mode, 100Km, SC, with Managed
ETS-M2200S120	1000Base-Fx to 10/100/1000Base-Tx, Single mode, 120Km, SC, with Managed

WDM Fiber Media Converter

ETS-M3200S20	1000Base-Fx to 10/100/1000Base-Tx, Bi-Directional, 20Km, SC/ST/FC, with Managed
ETS-M3200S40	1000Base-Fx to 10/100/1000Base-Tx, Bi-Directional, 40Km, SC/ST/FC, with Managed
ETS-M3200S60	1000Base-Fx to 10/100/1000Base-Tx, Bi-Directional, 60Km, SC, with Managed
ETS-M3200S80	1000Base-Fx to 10/100/1000Base-Tx, Bi-Directional, 80Km, SC, with Managed

Important Notice

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