

Media Converter

COMCAST GROUP



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Description

The HT101 series existing Fast Ethernet networks. The easy implementation and expansion of 100Base-TX/FX networks can be further assured with this converter. The HT101 media 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 80km connectivity per transmitted segment.

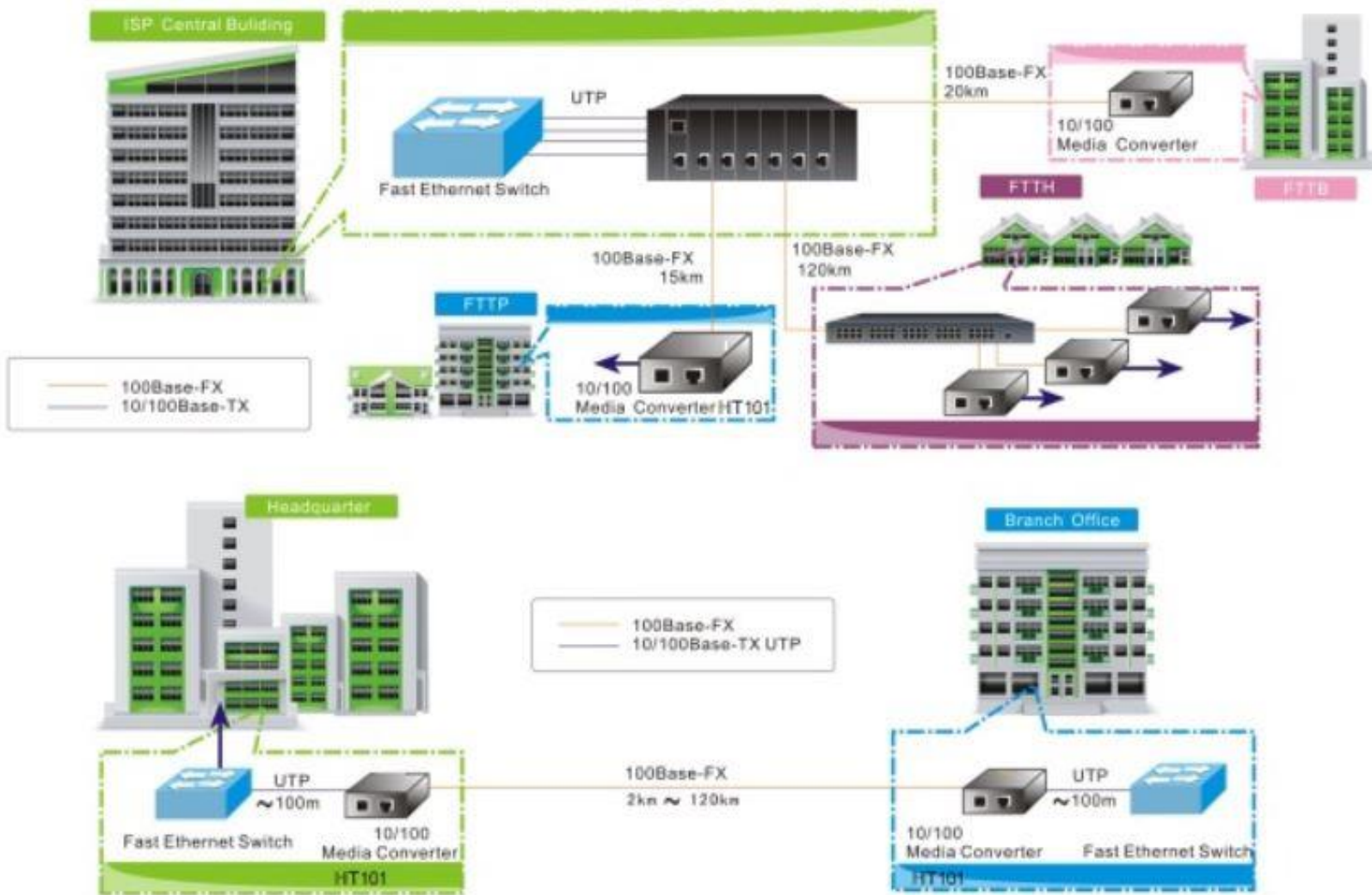
Features

- *10/100Mbps auto-sensed, facilitating network upgrade
- *Built-in efficient switching core to implement flow control and reduce broadcast packets
- *Full-duplex and half-duplex auto-sensed
- *Supporting auto-sense of MDI/MDI-X, facilitating system commissioning and installation
- *Supporting half /full-duplex of FX
- *Supporting 10/100Mbps store-and-forward and 100Mbps cut-through transmission.
- *Supporting the transmission of 100Base-Fx or STM-1, compatible with other devices
- *Supporting low-time lag transmission
- *Supporting the transmission of extra-long packets up to 1600 bytes
- *Extremely low power consumption (less than 2W), reliable and stable performance
- *Single-mode Single fiber, transmission over simplex cable, greatly save fiber optic cable sources

VIEW



Application



Specification

Interface	1 x Ethernet port (RJ45) 10/100Base-Tx 1 x Optical port (1x9 or SFP) 100Base-Fx
Optical Port	Available for 1310nm and 1550nm Single mode; Transfer Distance: up to 120km; Connectors: SC, ST, FC optional Fiber core: 9/125μm on single mode fiber, 50/125μm and 62.5/125μm on multi-mode fiber
Ethernet Port	Standard: IEEE802.3, IEEE802.3u, IEEE802.3x 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
LED Indicators	Power Status, FDX, Speed, FX Link/Act, TX Link/Act
Power Requirement	Input: 5V DC
Physical Characteristics	Housing: Metal enclosure Dimensions: 94 x 71 x 26mm (Excluding the connector) Weight: 0.28kg
Environmental Limits	Operating Temperature: 0°C to 50°C Storage Temperature: -20°C to 70°C Operating Humidity: 10% to 90% RH Storage Humidity: 5% to 90% RH

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