

Package Contents:

- 1x Media Converter
- 1x External Power Supply
- 1x QIG



Disposal and recycling information



The crossed-out wheeled bin symbol means that this product must be disposed separately from household waste. As an end user, you are obliged to dispose the product in accordance with the respective national regulations for separate collection, for example by depositing it at an official collection point. Returning it to the retailer is also possible if the distributor offers voluntary return or is legally obliged to do so.

Separate collection is a valuable contribution to the protection of the environment and human health, as the proper treatment of waste equipment avoids potential negative effects caused by the presence of hazardous substances and protects raw materials by recovering them.

In addition, please note that waste prevention makes an even more valuable contribution to environmental protection. Where possible, therefore, in addition to continued own use or repair, handing over to secondary users is an ecologically valuable alternative to disposal.

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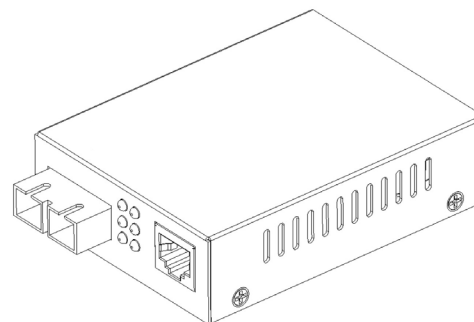
25_12_4871708_MediaConverter

USER MANUAL.

EN

4871708

10/100base-TX to 100base-FX Media Converter



Please read these instructions carefully before using the product and store them properly.

 **ARTICONA**

Overview

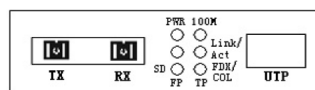
The 10/100Mbps Media Converter is designed to meet the massive needs for network deployment to extend a copper based Fast network via fiber cable to a maximum distance up to 120 km. It is fully compliant with IEEE802.3, IEEE802.3U, 10/100Base-T and 100Base-F standards.

Specifications

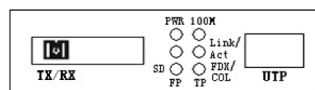
Standards	IEEE802.3, IEEE802.3U, 10/100Base-T 100Base-F
Media Support	10Base-T: Cat 3, 4, 5 UTP/STP, max 100 m 100Base-T : Cat5 UTP/STP, max 100 m Multi mode: (50/125um, 62.5/125um)
Fiber Connector options	SC
Wavelength	1310 nm
Referenced Transmission Distance	Dual-fiber multimode: 2 km
Data Forward Rate	10Mbps/ 100Mbps
Flow Control	IEEE802.3x flow control for full-duplex model Back-pressure flow control for half-duplex mode
Power Supply	5VDC (External Power Supply)
Power Consumption	2.5 W
Operation Temperature	0°C~60°C
Relative Humidity	5% to 80 % (non-condensation)

NOTE: Specifications may change without prior notice.

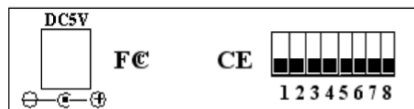
I/O Port Illustration



Front Panel for
dual fiber media converter



Front panel for
single fiber media converter



Back panel for
single/dual fiber media converter

Dip Switch Settings for converters:

No.	Function	Description
1	LFP	ON: Link fault passthrough OFF: LFP disabled
2	Direct Wire	ON: Pure converter mode OFF: Store and Forward Switch
3	Fast FWD	ON: Fast Forward disabled OFF: Fast Forward enabled
4	TP-Force	ON: Force TP speed OFF: 10/100M Auto negotiation
5	IEEE 802.3x	ON: IEEE802.3x disabled OFF: IEEE802.3x enabled
6	Speed_Mode	ON: 10M OFF: 100M
7	Duplex_Mode	ON: TP Port half duplex OFF: TP Port full duplex
8	F -Full	ON: Fiber Port half duplex OFF: Fiber Port full duplex

LED Description

LED indicator	Status	Description
F Link/Act	On	Connection status display for Fiber Link. "ON" indicates that Fiber link is in correct connection
	Blink	Active status display of fiber link. "Blink" indicates packet goes through F end
T Link/Act	On	Connection status display for electric link. ON" indicates that electric link is in correct
	Blink	Active Status display of fiber link. "Blink" indicates packet goes through T end
FD	On	Transceiver works in the full duplex mode
	Off	Transceiver works in the half duplex mode
PWR	On	Power is on and normal
SD	On	Fiber signal is detected
100M	On	Transfer rate of electric interface is 100Mbps
	Off	Rate of electric interface is 10Mbps

Safety Precautions

1. This product is suitable for indoor applications only.
2. Please cover the fiber port with dust cover when not used.
3. It is forbidden to stare at the T fiber-transfer end with naked eyes.
4. Single optical fiber transceiver must be used in pairs.