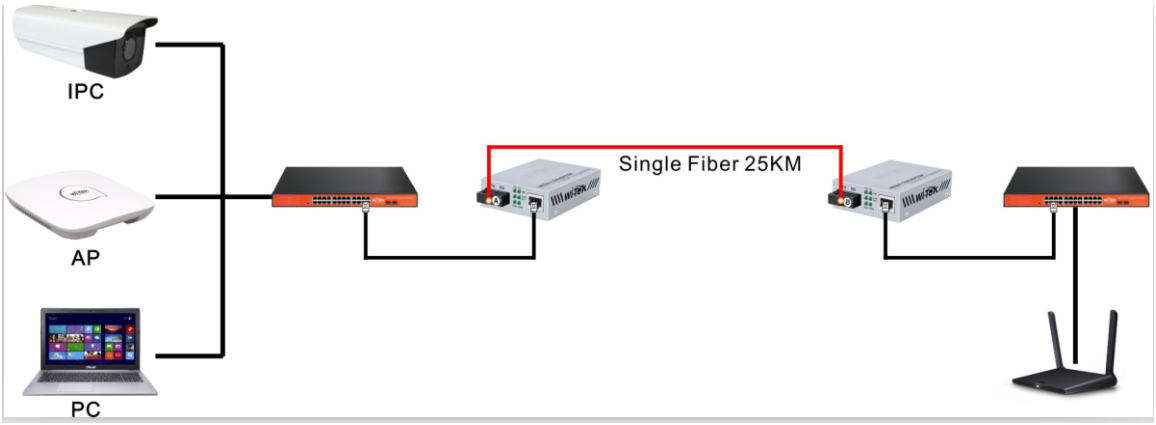
WI-MC111G
Gigabit SFP Fiber Optic Media Converter Datasheet

www.wireless-tek.com

Highlights

- 1000Mbps SFP Fiber Optic Media Converter
- Connector: UTP: RJ-45,10/100/1000Mbps; Fiber: SFP,100/1000Mbps
- Support Tag-VLAN, Port-VLANs
- Supports up to 2k byte JUMBO frame
- Adopts WDM technology, transmitting and receiving data on one single fiber
- Maximum transmission distance depends on the inserting SFP
- Support hot-swappable, plug and play

Typical Applications



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Description

what this product does

The WI-MC111G is a media converter designed to convert 1000BASE-SX/LX fiber to 10/100/1000Base-T copper media or vice versa. Designed under IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-SX/LX standards, the WI-MC111G is designed for use with multi-mode/single-mode fiber cable utilizing the SC/LC-Type connector. It works at 850nm on both transmitting and receiving data when adopting multi-mode fiber and 1310nm on both transmitting and receiving data when adopting single mode double fiber.it work at 1310nm for transmitting and 1550nm for receiving data when adopting single mode single fiber;

Other features The WI-MC111G will extend the fiber optic distance when utilizing SFP Module, and the maximum transmission distance depends on the inserting SFP Module.

Specifications

HARDWARE FEATURES

Interface	1 1000M SFP port 1 10/100/1000M RJ45 port (Auto MDI/MDIX)
Standards and Protocols	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z
Wave Length	850nm/1310nm/1550nm
Network Media 100BASE-T	UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
Network Media	UTP category 5, 5e cable (maximum 100m) EIA/TIA-

HARDWARE FEATURES

1000BASE-T	568 100Ω STP (maximum 100m)
Network Media 1000BASE-FX	Single-mode Fiber Multi-mode Fiber
LED Indicators	PWR, Link/Act
Dimensions (W*D*H)	94.5*73.0*27.0 mm
Power Supply	5V/2A

OTHERS

Certification	CE, FCC, RoHS
Package Contents	Media Converter Power adapter Warranty Card
Environment	Operating Temperature: 0℃~40℃ (32℉~104℉) Storage Temperature: -40℃~70℃ (-40℉~158℉) Operating Humidity: 10%~90% non-condensing Storage Humidity: 5%~90% non-condensing