tp-link Enlarge Your Ethernet Network User Guide

Enlarge Your Ethernet Network
10/100 Mbps WDM Media Converter

Package Contents: Converter, Power Adapter, Installation Guide

LED Explanation
O PWR
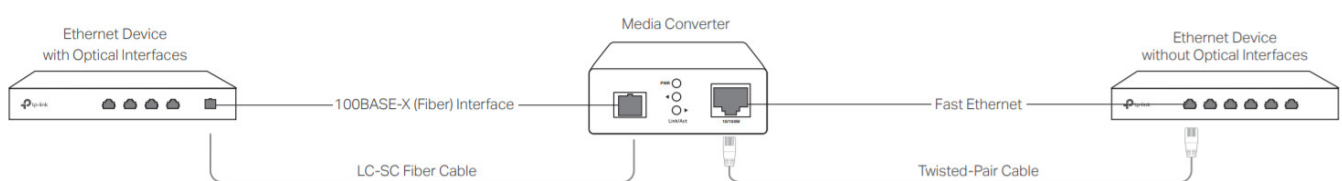On: Power on
Off: Power off
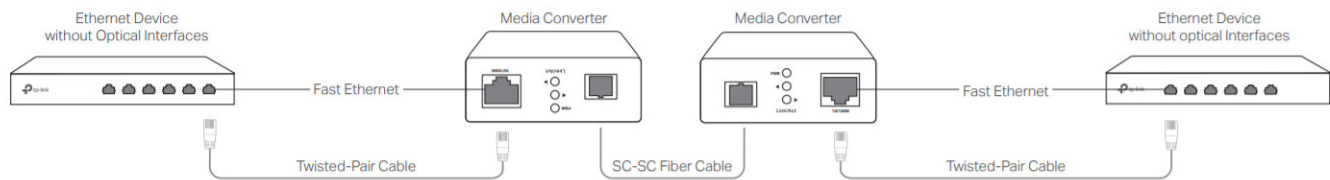
O Link/Act
On: Valid link
Flashing: Transmitting or receiving data
Off: Invalid link

Scenario 1: Connect Devices with and without Optical Interfaces

Scenario 2: Connect Devices without Optical Interfaces

Contents

Specifications

General Specifications

Standards	IEEE 802.3, IEEE 802.3i, IEEE802.3u
LED	PWR, Link/Act
Connector	1 SC fiber optic; 1 RJ45 jack
Twisted-Pair	100BASE-Tx: 2-pair UTP/STP of Cat. 5 or above (≤100 m)
Fiber	9/125 µm single-mode fiber (≤20 km)
WaveLength	TL-FC111A-20: 1550 nm TX, 1310 nm RX TL-FC111B-20: 1310 nm TX, 1550 nm RX
Power	External Power Adapter: 5 V/0.6 A
Dimensions	External Power Adapter: 5 V/0.6 A

Environmental and Physical Specifications

Operating Temperature	0˚C to 50˚C (32˚F to 122˚F)
Storage Temperature	-40˚C to 70˚C (-40˚F to 158˚F)
Operating Humidity	10% to 90% RH non-condensing
Storage Humidity	5% to 90% RH non-condensing

To ask questions, find answers, and communicate with TP-Link users or engineers, please visit **https://community.tp-link.com** to join TP-Link Community.

For technical support and other information, please visit **https://www.tp-link.com/support**, or simply scan the QR code.

http://www.tp-link.com/support

✉ If you have any suggestions or needs on the product guides, welcome to email **techwriter@tp-link.com.cn**.

Safety Information

Keep the device away from water, fire, humidity, or hot environments.

- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use a damaged charger or USB cable to charge the device.
- Do not use any other chargers other than those recommended.
- The adapter shall be installed near the equipment and shall be easily accessible.
- Do not point or stare directly into the beam or into the optical port of the transceiver when it is operating, as this can injure your eyesight.

Please read and follow the above safety information when operating the device. We cannot guarantee that no accidents or damage will occur due
to improper use of the device. Please use this product with care and operate at your own risk.

EU declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU,
2014/35/EU, 2009/125/EC, 2011/65/EU and (EU)2015/863.
The original EU declaration of conformity may be found at **https://www.tp-link.com/en/ce**.

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Documents / Resources

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