



# Enlarge Your Ethernet Network

Fast Ethernet Media Converter



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

## LED Explanation

☐ PWR

On: Power on  
Off: Power off

☐ FX  
Link/Act

On: Valid link  
Flashing: Transmitting or receiving data  
Off: Invalid link

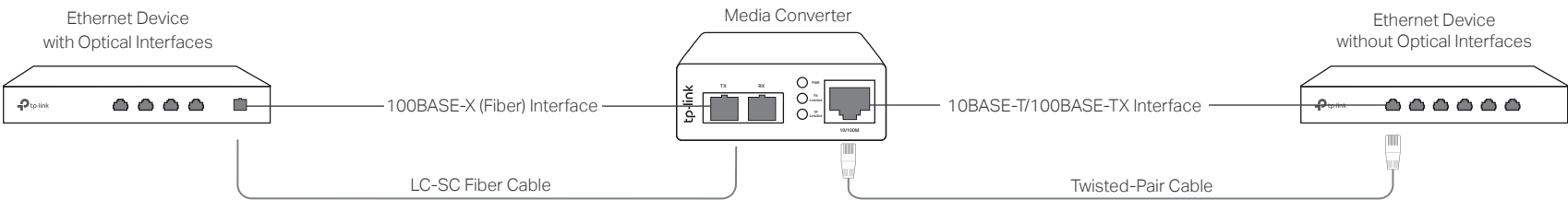
☐ TP  
Link/Act

On: Valid link  
Flashing: Transmitting or receiving data  
Off: Invalid link

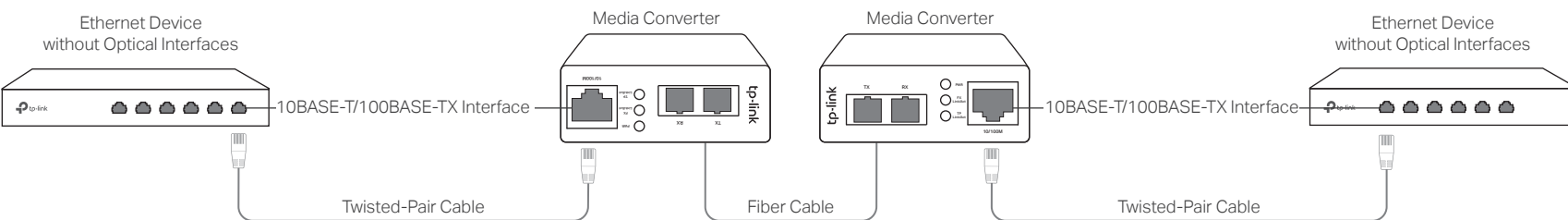
Package Contents: Converter, Power Adapter, User Guide

### For MC100CM/MC110CS

#### Scenario 1: Connect Devices with and without Optical Interfaces



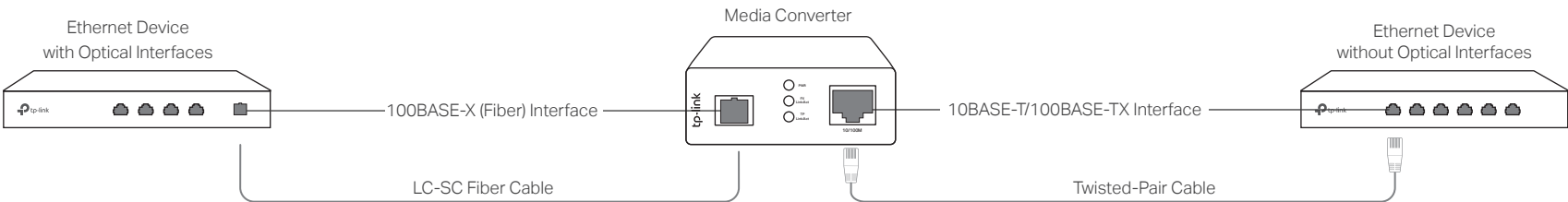
#### Scenario 2: Connect Devices without Optical Interfaces



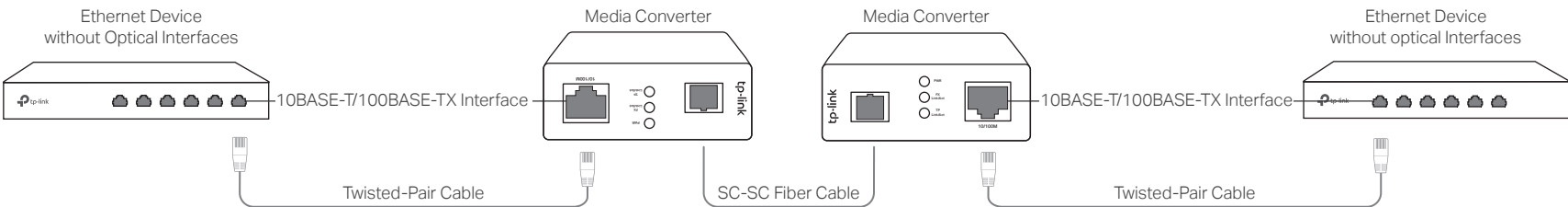
Note:  
1. Please use two Media Converters of the same model to work properly.  
2. Please connect the TX port of one converter to the RX port of the other using a fiber cable.

For MC111CS/MC112CS

Scenario 1: Connect Devices with and without Optical Interfaces



Scenario 2: Connect Devices without Optical Interfaces



Note: Please use one MC111CS and one MC112CS to work properly.

Specifications

| General Specifications |                                                                                                                                                |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| Standards              | IEEE 802.3, IEEE 802.3i, IEEE802.3u                                                                                                            |
| LED                    | PWR, FX Link/Act, TP Link/Act                                                                                                                  |
| Connector              | 1 SC fiber optic; 1 RJ45 jack                                                                                                                  |
| Twisted-Pair           | 10BASE-T: 2-pair UTP/STP of Cat. 3 or above (≤100m)<br>100BASE-Tx: 2-pair UTP/STP of Cat. 5 or above (≤100m)                                   |
| Fiber                  | For MC100CM:<br>62.5/125μm multi-mode (≤2km); 50/125μm multi-mode (≤2km)<br>For MC110CS/ MC111CS/MC112CS:<br>9/125μm single-mode fiber (≤20km) |
| Wave Length            | For MC100CM/MC110CS: 1310nm<br>For MC111CS: 1550nm TX, 1310nm RX<br>For MC112CS: 1310nm TX, 1550nm RX                                          |
| Power                  | External Power Adapter: 9V/0.6A                                                                                                                |

| Environmental and Physical Specifications |                                    |
|-------------------------------------------|------------------------------------|
| Operation Temperature                     | 0°C to 40°C (32°F to 104°F)        |
| Storage Temperature                       | -40 °C to 70 °C (-40 °F to 158 °F) |
| Operation Humidity                        | 10% to 90% RH non-condensing       |
| Storage Humidity                          | 5% to 90% RH non-condensing        |

Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device.
- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Adapter shall be installed near the equipment and shall be easily accessible.
- Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.
- 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.

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/support/ce/>

UK declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Electromagnetic Compatibility Regulations 2016 and Electrical Equipment (Safety) Regulations 2016.  
The original UK declaration of conformity may be found at <https://www.tp-link.com/support/ukca/>



# FCC compliance information statement

Product Name: Fast Ethernet Media Converter

Model Number: MC100CM/MC110CS/MC111CS/MC112CS

| Component Name      | Model       |
|---------------------|-------------|
| I.T.E. POWER SUPPLY | T090060-2B1 |

Responsible party:  
TP-Link USA Corporation  
Address: 10 Mauchly, Irvine, CA 92618  
Website: <https://www.tp-link.com/us/>  
Tel: +1 626 333 0234  
Fax: +1 909 527 6804  
E-mail: [sales.usa@tp-link.com](mailto:sales.usa@tp-link.com)

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.
- 2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

We, **TP-Link USA Corporation**, has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2023.3.16

# FCC compliance information statement

Product Name: I.T.E. POWER SUPPLY

Model Number: T090060-2B1

Responsible party:  
TP-Link USA Corporation

Address: 10 Mauchly, Irvine, CA 92618

Website: <https://www.tp-link.com/us/>

Tel: +1 626 333 0234

Fax: +1 909 527 6804

E-mail: [sales.usa@tp-link.com](mailto:sales.usa@tp-link.com)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- 1) This device may not cause harmful interference.
- 2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

We, **TP-Link USA Corporation**, has determined that the equipment shown as above has been shown to comply with the applicable technical standards, FCC part 15. There is no unauthorized change is made in the equipment and the equipment is properly maintained and operated.

Issue Date: 2023.3.16

## Industry Canada Statement

CAN ICES-3 (A)/NMB-3(A)

## Canadian Compliance Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
  - (2) This device must accept any interference, including interference that may cause undesired operation of the device.
- L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
- 1) L'appareil ne doit pas produire de brouillage;
  - 2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

## CE Mark Warning

This is a class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

この装置は、クラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

VCCI-A

## BSMI Notice

### 安全諮詢及注意事項

- 請使用原裝電源供應器或只能按照本產品注明的電源類型使用本產品。
- 清潔本產品之前請先拔掉電源線。請勿使用液體、噴霧清潔劑或濕布進行清潔。
- 注意防潮。請勿將水或其他液體潑灑到本產品上。
- 插槽與開口供通風使用，以確保本產品的操作可靠並防止過熱，請勿堵塞或覆蓋開口。
- 請勿將本產品置放於靠近熱源的地方。除非有正常的通風，否則不可放在密閉位置中。
- 不要私自拆開機殼或自行維修，如產品有故障請與原廠或代理商聯繫。

警告：為避免電磁干擾，本產品不應安裝或使用於住宅環境。

### 限用物質含有情況標示聲明書

+6

| 單元                                 | 限用物質及其化學符號 |         |         |           |             |               |
|------------------------------------|------------|---------|---------|-----------|-------------|---------------|
|                                    | 鉛<br>Pb    | 鎘<br>Cd | 汞<br>Hg | 六價鉻<br>Cr | 多溴聯苯<br>PBB | 多溴二苯醚<br>PBDE |
| PCB                                | ○          | ○       | ○       | ○         | ○           | ○             |
| 外殼                                 | ○          | ○       | ○       | ○         | ○           | ○             |
| 電源供應器                              | -          | ○       | ○       | ○         | ○           | ○             |
| 備考1: "○"系指該項限用物質之百分比含量未超出百分比含量基準值。 |            |         |         |           |             |               |
| 備考2: " - " 系指該項限用物質為排除項目。          |            |         |         |           |             |               |



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### Explanation of the symbols on the product label

|                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | For indoor use only                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  | Direct current                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | RECYCLING<br>This product bears the selective sorting symbol for Waste electrical and electronic equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment. User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment. |