

# Expand Your Ethernet Network

Fast Ethernet Media Converter

©2025 TP-Link 7100000437 REV7.30.0

Package Contents: Converter, Power Adapter, User Guide

## 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

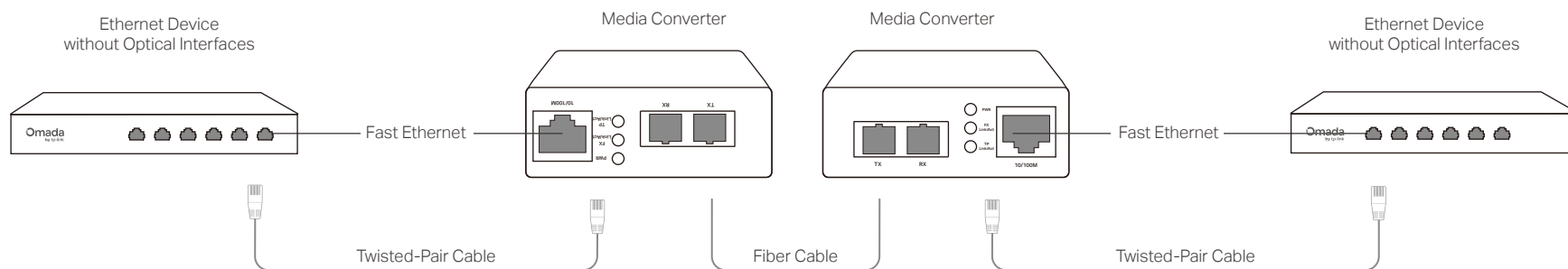
On: Valid link

Flashing: Transmitting or receiving data

Off: Invalid link

### For MC100CM/MC110CS

## Scenario: Connect Devices without Optical Interfaces

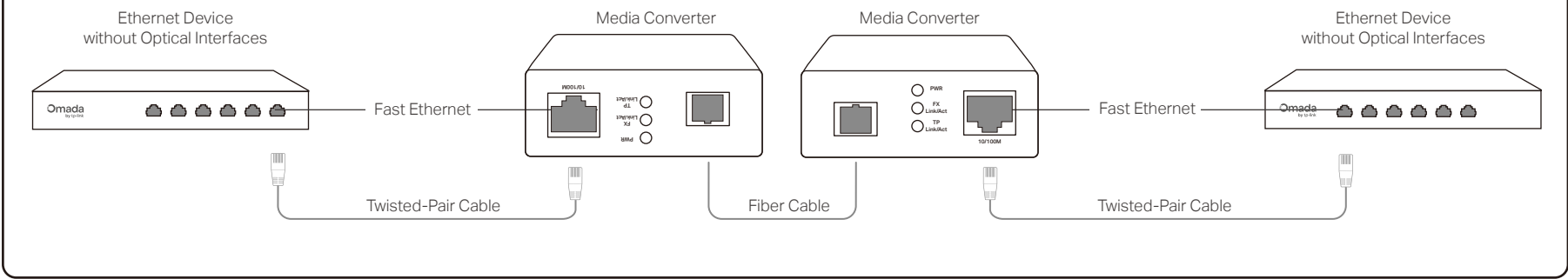


Note:

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: Connect Devices without Optical Interfaces



Specifications

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

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

To ask questions, find answers, and communicate with TP-Link users or engineers, please join the TP-Link Community.

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



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 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 Media Converter is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 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 Media Converter 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 Systems Inc.  
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 Systems Inc.**, 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: 2025-1-22

FCC compliance information statement

Product Name: I.T.E. POWER SUPPLY	
Model Number: T090060-2B1	
Responsible party:	
TP-Link Systems Inc.	
Address: 10 Mauchly, Irvine, CA 92618	
Website: <a href="https://www.tp-link.com/us/">https://www.tp-link.com/us/</a>	
Tel: +1 626 333 0234	
Fax: +1 909 527 6804	
E-mail: <a href="mailto:sales.usa@tp-link.com">sales.usa@tp-link.com</a>	

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 Systems Inc.**, 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: 2025-1-02

Industry Canada Statement

CAN ICES-003 (A)/NMB-003(A)

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.



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。
- 請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。
- 變壓器應安裝在設備附近且易於操作。
- 插座應安裝在設備附近且易插拔的位置。

限用物質含有情況標示聲明書

產品元件名稱	限用物質及其化學符號					
	鉛 Pb	鎘 Cd	汞 Hg	六價鉻 Cr <sup>6+</sup>	多溴聯苯 PBB	多溴二苯醚 PBDE
PCB	○	○	○	○	○	○
外殼	○	○	○	○	○	○
電源供應器	-	○	○	○	○	○
其他及其配件	-	○	○	○	○	○
備考1: "○"係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: "- " 係指該項限用物質為排除項目。						

Explanation of the symbols on the product label

Symbols may vary from products. The label is at the bottom of the product.

Symbol	Explanation
	Class II equipment
	Class II equipment with functional earthing
	Alternating current
	Direct current
	Polarity of d.c. power connector
	For indoor use only
	Dangerous voltage
	Caution, risk of electric shock
	Energy efficiency Marking
	Protective earth
	Earth
	Frame or chassis
	Functional earthing
	Caution, hot surface
	Caution
	Operator's manual
	Stand-by
	"ON"/"OFF" (push-push)
	Fuse
	Fuse is used in neutral N
	RECYCLING 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.
	Caution, avoid listening at high volume levels for long periods
	Disconnection, all power plugs
m	Switch of mini gap construction
μ	Switch of micro-gap construction (for US version) Switch of micro-gap /micro-disconnection construction (for other versions except US)
ε	Switch without contact gap (Semiconductor switching device)