





WI-MC101M | WI-MC103G | WI-MC101G | WI-MC111G | WI-MC111GP-O



Wi-Tex

### Overview

Wi-Tek's media converters are designed to convert between 100M Ethernet RJ45port and fiber port, and 1000M Ethernet RJ45 port and fiber port. Carrying out long-distance data and video signal transmission via optical fiber, Wi-Tek's media converters facilitates the convenience of network upgrade and flow control. With ultra-low transmission delay and line speed forwarding ability, they can realize flexible Ethernet expansion even in harsh environment.

### **Features**

Supports 100Mbps and 1000Mbps data transfer rates to meet a range of requirements.

Support full-duplex and half-duplex transmission mode. (For WI-MC101M,WI-MC103G,WI-MC101G,WI-MC111G, WI-MC111GP)

Equipping with high-performance chip to ensure stable network.

Powerful heat dissipation function with double-side ventilation design.

Support 802.3af/at PoE Out, which enables the port to carry out data and power via one Ethernet cable at the same time and makes deployment more flexible.

(For WI-MC111GP,WI-MC111GP-O)

IP65 Weatherproof Enclosure

Built to withstand harsh outdoor conditions with an IP65-rated weatherproof housing, ensuring reliable operation in various environments.

(For WI-MC111GP-O)

### Specifications







Model	WI-MC101M	WI-MC103G	WI-MC101G
Interface	1*100Mbps SC Port 1*100Mbps Ethernet RJ45	1*1000Mbps SC Port 1*1000Mbps Ethernet RJ45 Port	1*1000Mbps SC Port 1*1000Mbps Ethernet RJ45 Port
Wave Length	1310nm /1550nm		
Transmission Media	Single-mode Fiber		
Transmission Distance	25km	3km	25km
Max Power Consumption	2.5W	3W	3.3W
Power Supply	DC-IN 5V/1A	DC-IN 5V/1A	DC-IN 5V/1A
	FX 100M (Optical Link) Solid on: Optical Link On Off: Optical Link Down	1000M (1000M Network Link) Solid on: 1000M Network Link  100M (100M Network data)	
	TX 100M (Network Link) Solid on: Link Connected	100M Network Link	
	Flash: Data Transmission	FX (Optical Link&Act)	
	Off: Link Disconnected	Solid on: Optical Link Connected	
		Flash: Data Transmission	
		Off: Optical Link Disconnected	
Indicators	FX Link (Optical data) Solid on: Optical Link Connected Flash: Data Transmission	Link (Network Link&Act) Solid on: Link Connected Flash: Data Transmission	
	Off: Optical Link Disconnected	Off: Link Disconnected	
	TX Link (Network data) Solid on: Link Connected Flash: Data Transmission	PWR (Power indicator) Solid on: the device power on is no Off: the device is power off or failed	
	Off: Link Disconnected		
		FDX (Network mode)	
	PWR (Power indicator)	Solid on: Full-Duplex	
	Solid on: the device power on is	Off: Half-Duplex	

	normal		
	Off: the device is power off	or	
ndicators	failed		
	FDX (Network mode)		
	Solid on: Full-Duplex		
	Off: Half-Duplex		
	Product Dimension:	Product Dimension:	Product Dimension:
Dimensions	96*70*27mm	96*70*27mm	96*70*27mm
	Package Dimension:	Package Dimension:	Package Dimension:
	243*191*59mm	243*191*59mm	243*191*59mm
\\\a:\a \a\	Net Weight: 0.19*2kg	Net Weight: 0.19*2kg	Net Weight: 0.19*2kg
Weight	Gross Weight: 0.78kg	Gross Weight: 0.75kg	Gross Weight: 0.77kg
	Operating Temperature: -20°C	C ~ 50°C (−4°F ~ 122°F)	
Environment	Storage Temperature: -40°C ~ 70°C(-40°F ~ 158°F)		
	Operating Humidity: 10% ~ 90%(non-condensing)		
	Storage Humidity: 5% ~ 95%	Storage Humidity: 5% ~ 95% (non-condensing)	
Certification	CE, FCC, RoHS, UKCA, RCM		







Model	WI-MC111G	WI-MC111GP	WI-MC111GP-O
	1*1000Mbps SFP Slot	1*1000Mbps SFP Port	1*1000Mbps SFP Port
Interface	1*1000Mbps Ethernet	1*1000Mbps RJ-45 Port	1*1000Mbps RJ-45 Port
	RJ45 Port	with 802.3af/at PoE Out	with 802.3af/at PoE Out
Wave Length	Depend on used SFP module		
Transmission Media	Single-mode Fiber or Multi-mode Fiber		
Transmission Distance	Depends on the inserting SFP module		
Max Power Consumption	3.5W	3.5W 3W	
Power Supply	DC-IN 5V/1A	DC-IN 48-52V/0.92A	DC-IN 44-57V
	1000M (1000M Network Link)		
	Solid on: 1000M Network Link		
	100M (100M Network data)		
	100M Network Link		
	FX (Optical Link&Act)		
	Solid on: Optical Link Connected		
	Flash: Data Transmission		
	Off: Optical Link Disconnected		
Indicators	Link (Network Link&Act)		
	Solid on: Link Connected		
	Flash: Data Transmission		
	Off: Link Disconnected		
	DIA/D (Devero in disease)		
	PWR (Power indicator)		
	Solid on: the device power on is no Off: the device is power off or faile		
	On, the device is power on or falle	su	
	FDX (Network mode)		
	Solid on: Full-Duplex		
	Off: Half-Duplex		

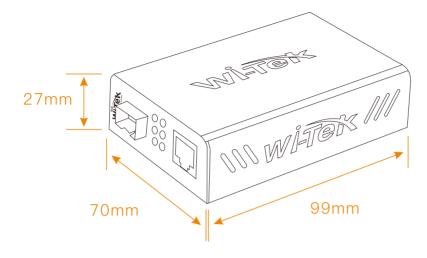
Dimensions	Product Dimension:	Product Dimension:	Product Dimension:	
	99*70*27mm	99*70*27mm	160*83*44mm	
	Package Dimension:	Package Dimension:	Package Dimension:	
	207*161*55mm	207*161*55mm	195*98*65mm	
Maiaht	Net Weight: 0.2kg	Net Weight: 0.2kg	Net Weight: 0.16kg	
Weight	Gross Weight: 0.40kg	Gross Weight: 0.45kg	Gross Weight: 0.24kg	
			Operating Temperature:	
			0~40°C (32~104°F)	
	Operating Temperature: -20°C	Operating Temperature: -20°C ~ 50°C (-4°F ~ 122°F)		
Environment	Storage Temperature: -40°C	Storage Temperature: -40°C ~ 70°C(-40°F ~ 158°F)		
	Operating Humidity: 10% ~ 90	Operating Humidity: 10% ~ 90%(non-condensing)		
	Storage Humidity: 5% ~ 95%	Storage Humidity: 5% ~ 95% (non-condensing)		
			Storage Temperature:	
			5%~95%, non-condensing	
Certification	CE ECC BOHS LIKEN BOM	CE, FCC, RoHS, UKCA, RCM		

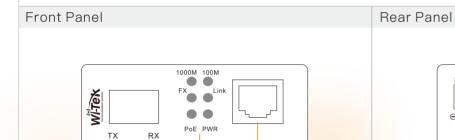
# Dimensions (mm) 27mm 96mm 70mm Front Panel Rear Panel 1000M 100M FX Link PoE PWR LED indicator DC IN SC Port 100Mbps RJ45 port with 802.3af/at PoE Out

# Dimensions (mm) 27mm 96mm 70mm Front Panel Rear Panel 1000M 100M FX Link PoE PWR LED indicator DC IN SC Port 1000Mbps RJ-45 Port with 802.3af/at PoE Out

# Dimensions (mm) 27mm 96mm 70mm Front Panel Rear Panel 1000M 100M FX Link PoE PWR LED indicator DC IN SC Port 1000Mbps RJ-45 Port with 802.3af/at PoE Out

# WI-MC111G Dimensions (mm)

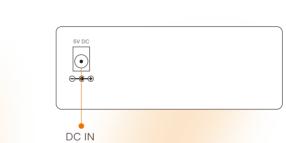




LED indicator

SFP Slot

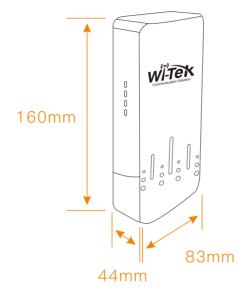
1000Mbps RJ-45 port with 802 af/at PoE Out



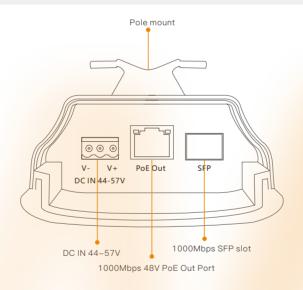
### Dimensions (mm) 27mm 99mm 70mm Front Panel Rear Panel FX • PoE PWR TX RX LED indicator DC IN SFP Slot 1000Mbps RJ-45 port with 802af/at PoE Out

#### WI-MC111GP-O

### Dimensions (mm)



#### Front Panel



### **Package Contents**

Welcome to order our products. After purchasing, you will receive:

Package Content (For WI-MC101M, WI-MC103G, WI-MC101G)		
Items	Quantity	
Media Converter	2 pcs	
Power Adapter	2 pcs	
Power Adapter	1 pcs	

Package Content (For WI-MC111G, WI-MC111GP)		
Items	Quantity	
Media Converter	1 pcs	
Power Adapter	1 pcs	
Quick Installation Guide	1 pcs	

Package Content (For WI-MC111GP-O)	
Items	Quantity
Media Converter	1 pcs
Quick Installation Guide	1 pcs
Plastic Strap	1 pcs

### CE FC ROHS I UK CA

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Technical Support

Cloud Management

Company Website

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