TP-Link

IP65
WATER & DUST RESISTANT

300Mbps Wireless N 4G LTE Outdoor Router

Connect More, Cover Everything.

Wall Mounting

Pole Mounting

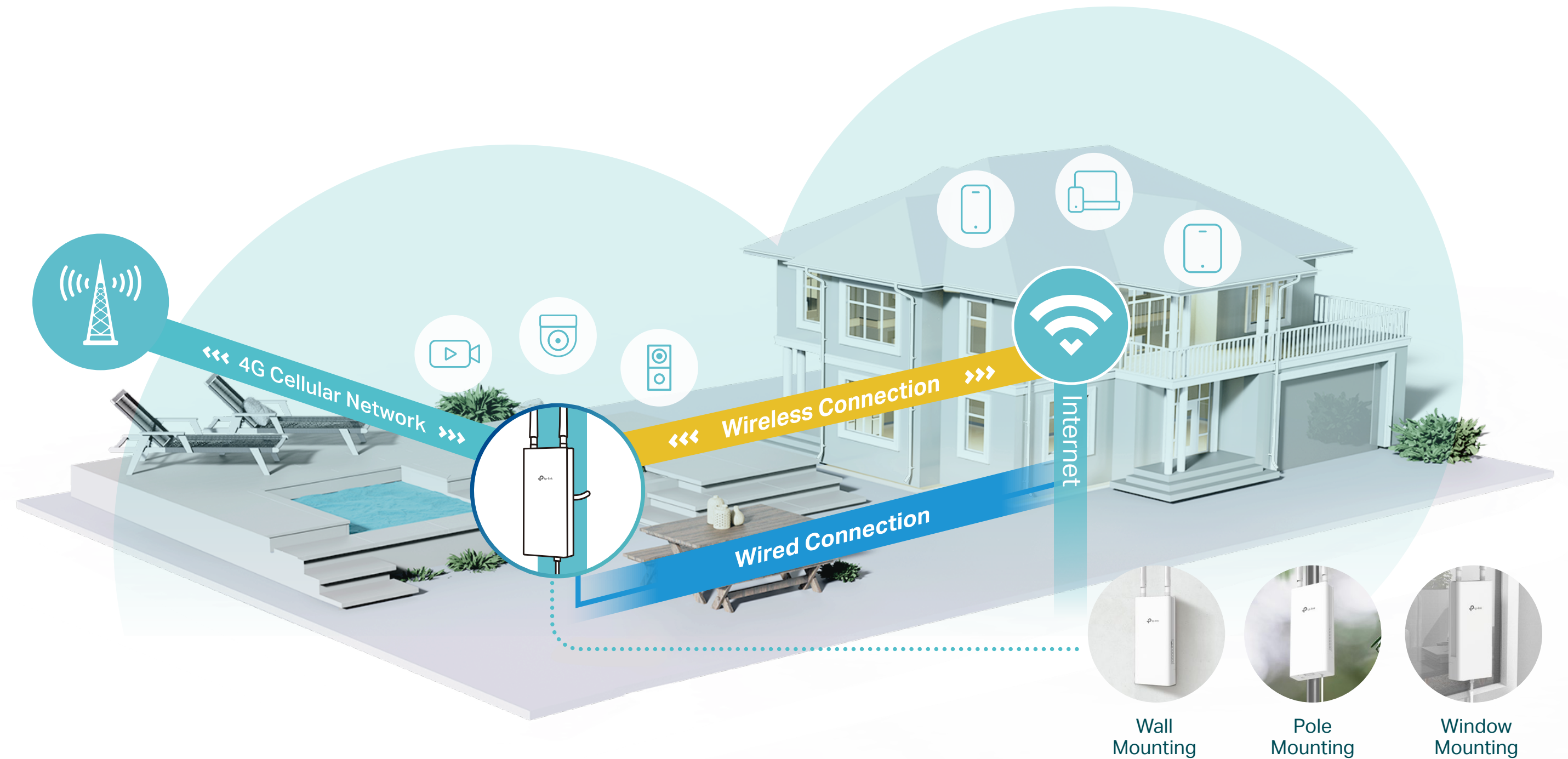Window Mounting

TL-MR100-Outdoor

| 4G (TDD&FDD)/3G Compatible | 300 Mbps Wi-Fi Speed* | Connects up to 32 Devices | Endurable Outdoor Enclosure |

Highlights

Experience Reliable Connectivity Indoors and Outdoors

4G Cellular Network

Wireless Connection

Internet

Wired Connection

Wall Mounting

Pole Mounting

Window Mounting

TP-Link   300Mbps Wireless N 4G LTE Outdoor Router   TL-MR100-Outdoor

Highlights

Fast 4G router with wide coverage

The TL-MR100-Outdoor is a 4G router with external antennas that offers fast speeds and wide coverage, connecting up to 32 devices. It can also be used as a traditional wireless router via the WAN port.

Supports LTE up to 150 Mbps and Wi-Fi up to 300 Mbps on 2.4 GHz*

Access for up to 32 Devices Simultaneously

External Antennas for Broader Coverage

Wired Connection Available

Plug and Play with a SIM Card

Perfect for outdoor network connections

The TL-MR100-Outdoor features a durable enclosure that ensures stable performance in harsh outdoor environments. With multiple mounting options and PoE, it's easy to set up in various outdoor settings.

IP65 Waterproof & Dustproof**

±6KV Lighting Protection & ±15KV EDS Protection***

Wide Operating Temperature Range

Multiple Mounting Options

PoE/DC Port Power Support

Features
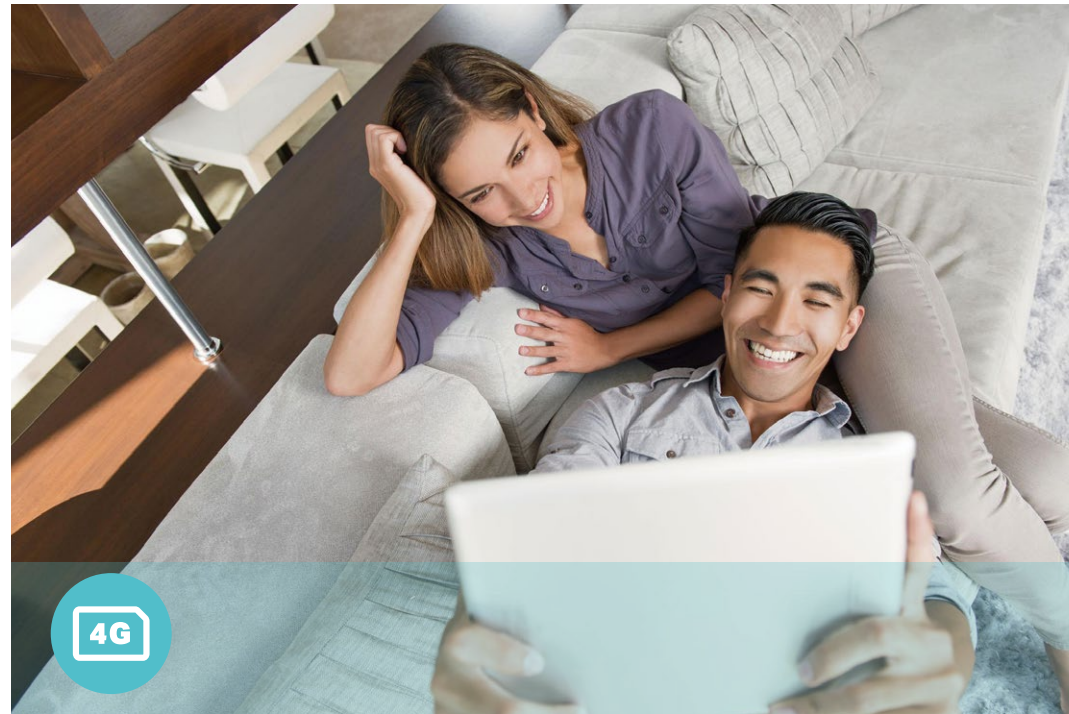
4G LTE

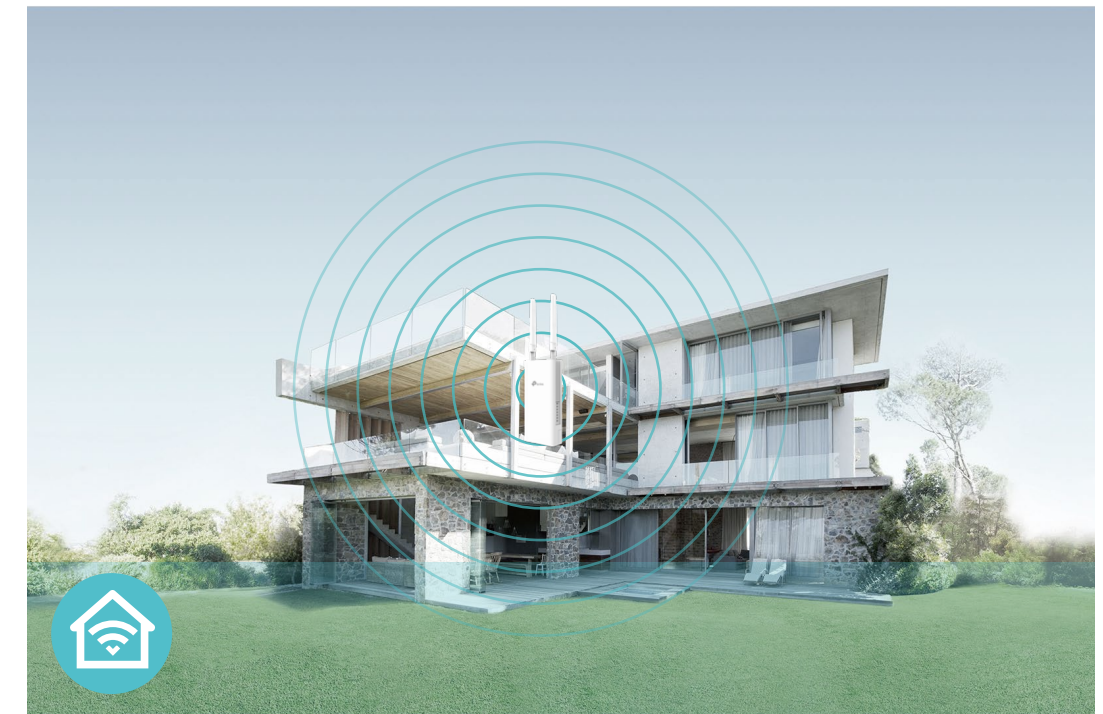· 4G LTE – Ideal for cutting-edge 4G LTE network

· Faster Connection – Download Speed 150 Mbps + Upload Speed 50 Mbps

· Backward Compatible – Compatible with 3G/4G network

Wi-Fi Speed

· 300 Mbps Wireless Speed – 300 Mbps Wi-Fi allows stable speed for wireless activities, such as streaming, browsing and posting social media
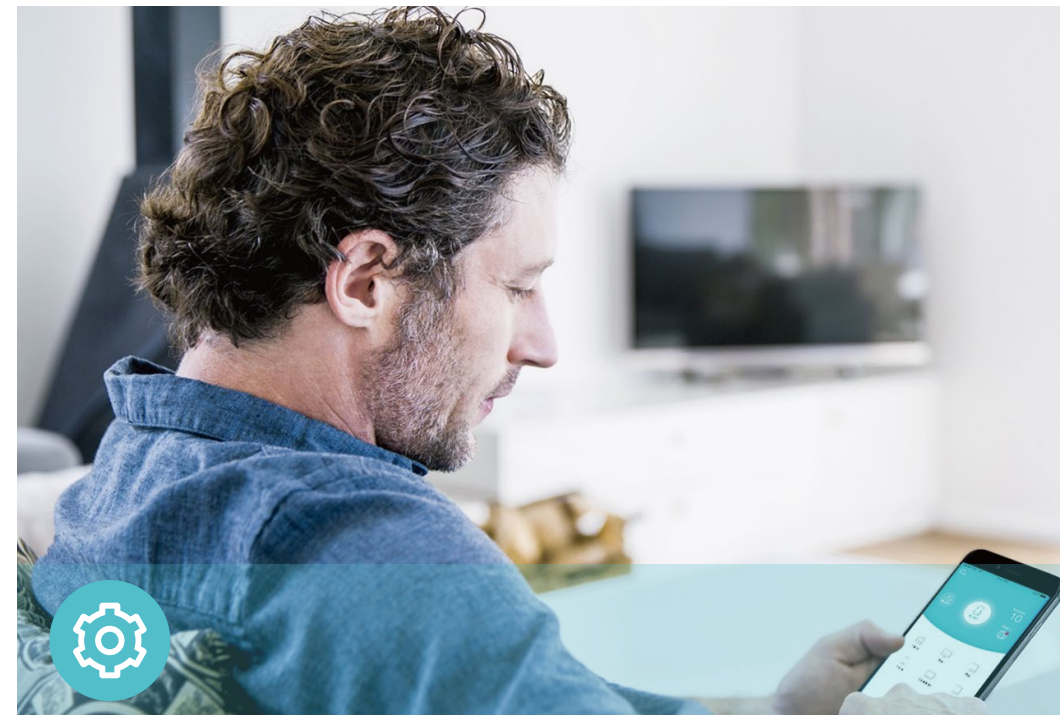
Wi-Fi Range

· Great Coverage – Better coverage with advanced LTE antennas

Features

Reliability

· Superior Stability – Powerful processor enables you to connect up to 32 wireless devices with ease

· WAN Connection Backup – Works as a router to provide backup internet connection

Ease of Use

· Intuitive Web UI – Ensures quick and simple installation without hassle

Security

· Guest Network – Keeps your main network secure by creating a separate network for friends and visitors

· Access Control – Establishes a whitelist or blacklist to allow or restrict certain devices to access the internet

· Encryptions for Secure Network – WPA-PSK and WPA2-PSK encryptions provide active protection against security threats

Specifications
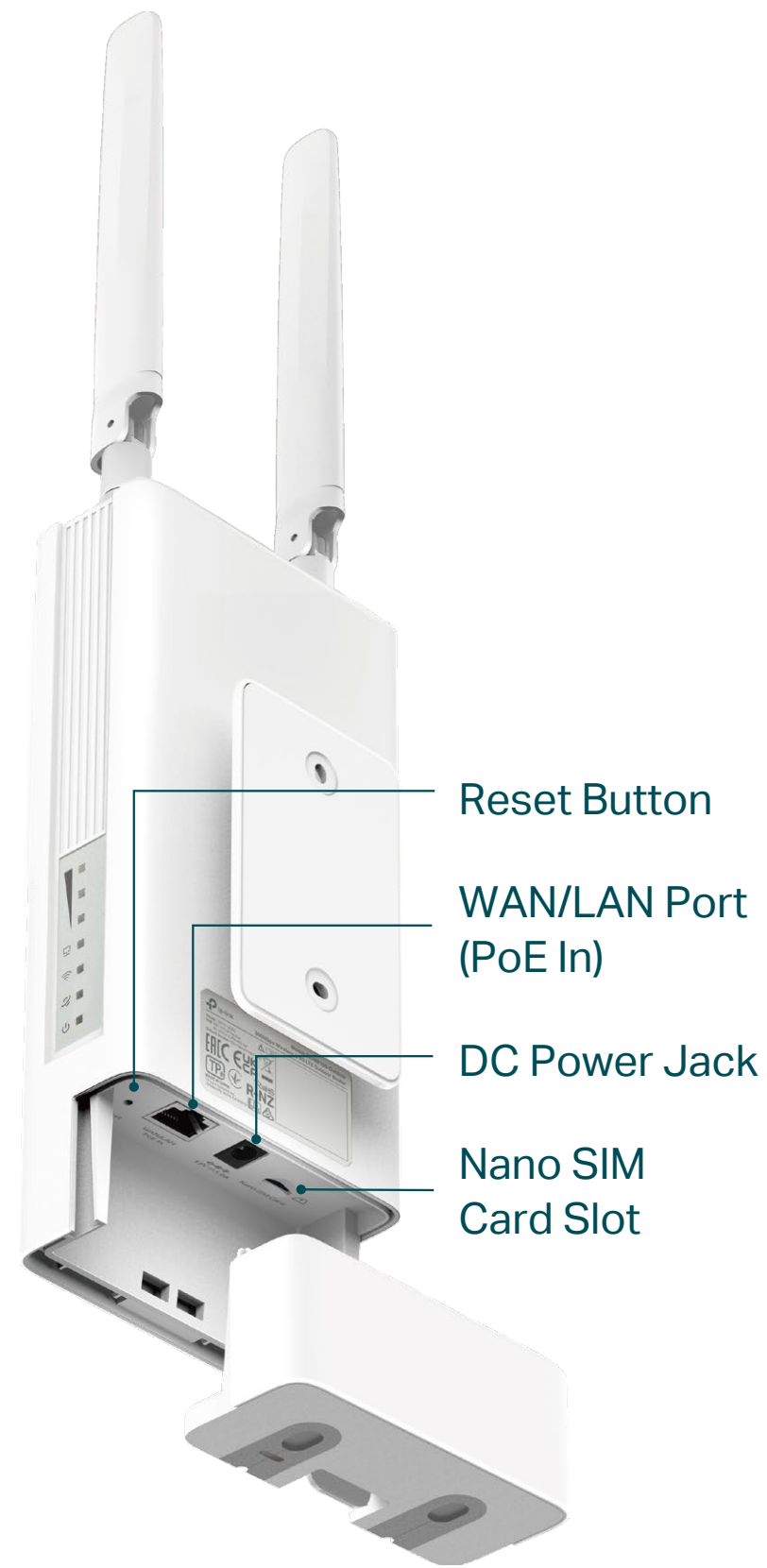
Hardware

- **LTE:** Download Speed 150 Mbps + Upload Speed 50 Mbps

- **Interface:** 1× 100 Mbps WAN/LAN Port (PoE In) + 1× Nano SIM Card Slot + 1 × DC Port

- **Buttons:** 1× Reset Button

- Durable IP65 Weatherproof Enclosure

- **Antennas:** 2 × Detachable LTE Antennas

- **External Power Supply:** 12V/1A DC

  24V/0.5A Passive PoE

  44-57V/0.35A 802.3af

- **Dimensions (W x D x H):** 8.9 x 3.9 x 2.2 in (226.6 x 100x 54.7mm)

Reset Button

WAN/LAN Port
(PoE In)

DC Power Jack

Nano SIM
Card Slot

Specifications

Wireless

- Network Type

  4G: FDD-LTE: B1/B3/B5/B7/B8/B20/B28
  (2100/1800/850/2600/900/800/700 MHz)

  TDD-LTE: B38/B40/B41
  (2600/2300/2500 MHz)

  3G: DC-HSPA+/HSPA/UMTS:B1/B5/B8(2100/850/900 MHz)

- Wireless Standards: IEEE 802.11b/g/n

- Frequency: 2.4 GHz

- Signal Rate: 300 Mbps

- EIRP (CE): < 20 dBm (2.4 GHz)

- Reception Sensitivity:

  11g 54M: -74 dBm

  11n HT20: -73 dBm

  11n HT40: -70 dBm

- Wireless Function: Enable/Disable Wireless Radio, Wireless Schedule, WMM, Wireless Statistics

- Wireless Security: WPA/WPA2, WPA-PSK/WPA2-PSK encryptions

Software

- Operating Modes: 3G/4G Router, Wireless Router

- WAN Type: Dynamic IP/Static IP/PPPoE/PPTP(Dual Access)/L2TP(Dual Access)

- DHCP: Server, DHCP Client List, Address Reservation

- Port Forwarding: ALG, Virtual Server, Port Triggering, UPnP, DMZ

- Dynamic DNS: TP-Link, DynDns, NO-IP

- Security: DoS, IPv4 SPI Firewall, IP and MAC Address Binding

- Protocols: IPv4, IPv6

- Management: Local Management, Remote Management

- Administration: Upgrade Firmware, Factory Default, System Log, Diagnostic Tools

- Guest Network: 2.4 GHz guest network

Others

- Certification:

  CE, RoHS

- Requirements:

  Edge, Firefox, Chrome, Safari, or other JavaScript-enabled browser

  *You are recommended to use the latest version

  Nano SIM Card

- Environment:

  Operating Temperature: -30℃~60℃ (-22°F~140°F)

  Storage Temperature: -40℃~70℃ (-40 °F~158 °F)

  Operating Humidity: 10%~90% RH

  Storage Humidity: 5%~90% RH

- Package Contents

  1× TL-MR100-Outdoor Unit

  1× 10-Meter RJ45 Ethernet Cable

  1× PoE Adapter

  1× AC Power Cord

  1× Quick Installation Guide

  Window/Pole/Wall Mounting Kits

For more information, please visit

https://www.tp-link.com/products/details/?model=TL-MR100-Outdoor_V1

or scan the QR code left

*Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications, Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

**This product has an IP65 dustproof and waterproof rating, but it is unsuitable for prolonged immersion or high-pressure water jets. Please install and use it according to the manual; otherwise, the protective features may fail.

***Tested under controlled laboratory conditions. Per CE standards, protection levels are: Lightning/Surge Protection at 2kV for Differential Mode (DM) and 4kV for Common Mode (CM), and ESD Protection at 4kV for Contact Protection and 8kV for Air Protection. For optimal protection, please follow the setup instructions in the manual.

§Actual network speed may be limited by the rate of the product's Ethernet WAN or LAN port, the rate supported by the network cable, internet service provider factors, and other environment conditions.