

300Mbps Wireless N 4G LTE Outdoor/Indoor Router

Model: MB118-4G

// Highlights

4G(TDD&FDD)
/3G Compatible

300 Mbps
Wi-Fi Speed†

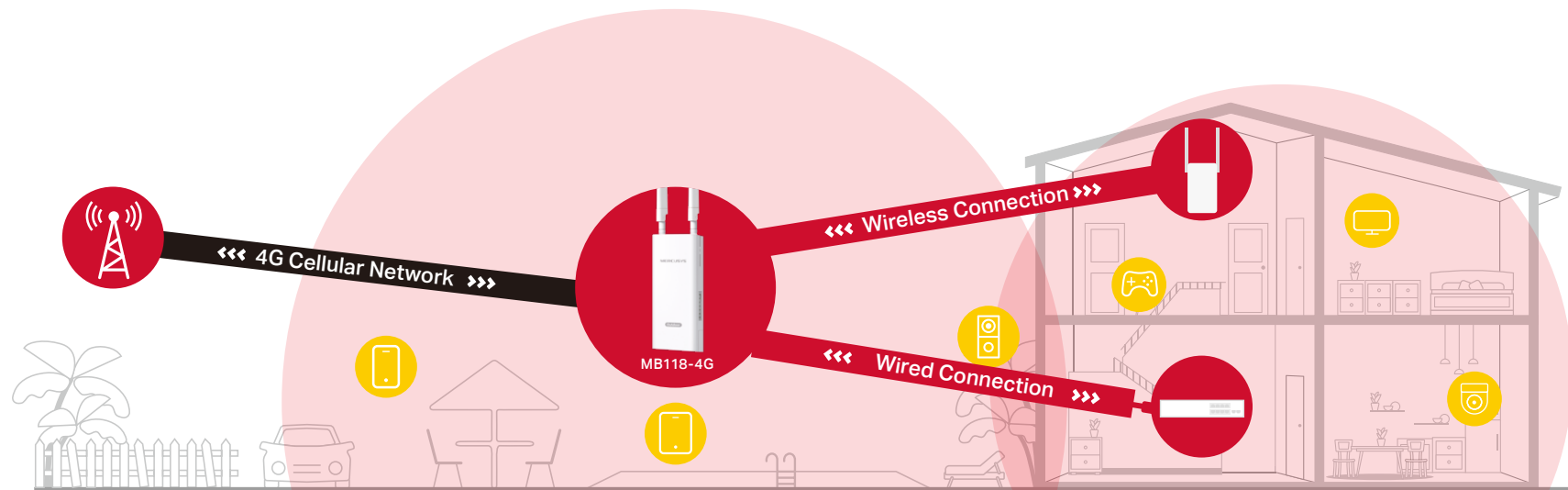
Connect up to 32
Devices†

Durable Outdoor
Enclosure



// Stay Connected Outdoors and Indoors

Say goodbye to Wi-Fi hotspots and embrace unparalleled wireless liberty. Effortlessly convert a 3G/4G signal into Wi-Fi and share it among multiple users for a truly shared wireless experience.



Swimming Pool



Outdoor Café



Yard

Ideal Scenarios

// Features

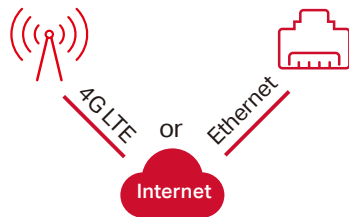
Superfast 4G LTE Speed for Reliable Wi-Fi

MB118-4G harnesses 4G LTE technology to deliver lightning-fast download speeds of up to 150 Mbps and up to 50 Mbps for uploads. Effortlessly convert a 3G/4G signal into a Wi-Fi network with fast speeds and wide coverage.

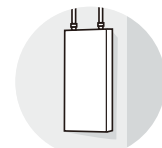
Perfect for Outdoor Networking

With multiple mounting options and a durable design, MB118-4G is simple to set up in various outdoor settings, ensuring stable performance in harsh outdoor environments.

Flexible Internet Access



Simplified Network Deployment



MB118-4G

Data + Power



or

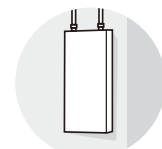


Data



Desktops, Switches, etc.

PoE Injector / PoE Switch



MB118-4G

Power



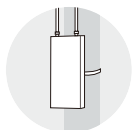
DC Power Adapter

Data

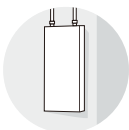


Desktops, Switches, etc.

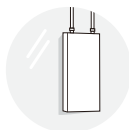
Multiple Installation Options



Pole Mounting

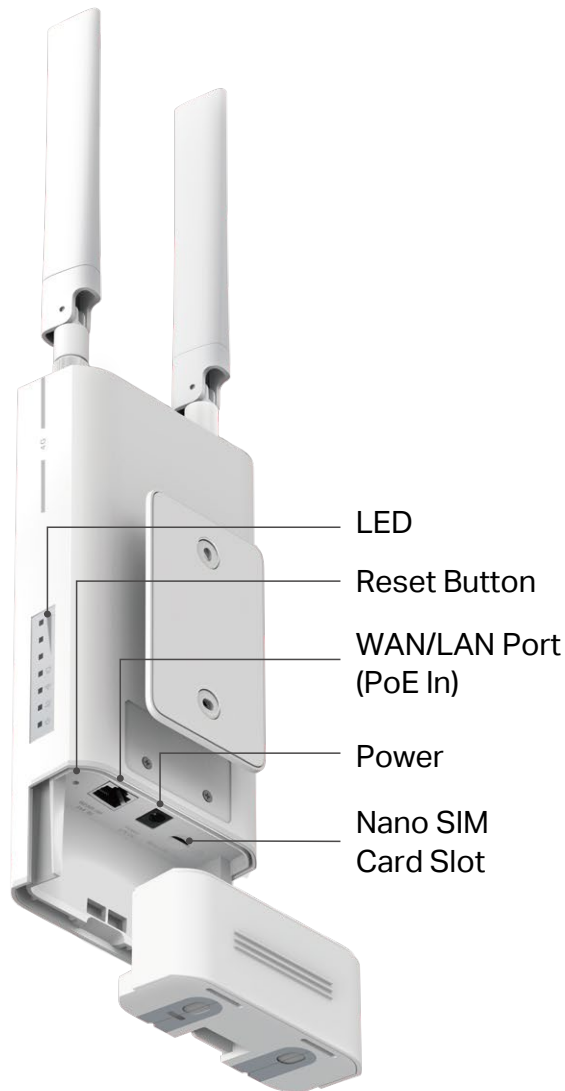


Wall Mounting



Window Mounting

// Specifications



Hardware

- **LTE:**
Download Speed 150 Mbps + Upload Speed 50 Mbps[†]
- **Ports:**
MB118-4G:
1× 10/100 Mbps LAN/WAN Port (PoE In)
1× Nano SIM Card Slot
1× DC Port
PoE Injector:
1× PoE Out Port
1× LAN Port
1× DC Port*
- **Antennas:**
2× Detachable LTE Antennas
- **Button:**
1× Reset Button
- **Dimensions:**
230.9 × 97.2 × 54.7 mm (9.1 × 3.8 × 2.2 in)
- **External Power Supply:**
12V/1A DC
12V/1A Passive PoE
44-57V/0.35A 802.3af

// Specifications

Wireless

- **Network Type:**
FDD-LTE: B1/B3/B5/B7/B8/B20/B28
(2100/1800/850/2600/900/800/700 MHz)
TDD-LTE: B38/B40 (2600/2300 MHz)
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: -74dBm
11n HT20: -73dBm
11n HT40: -70dBm
- **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:** DynDns, NO-IP
- **Security:** IPv4 SPI Firewall, IPv6 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°C~60°C
(-22°F~140°F)
Storage Temperature: -40°C~70°C (-40
°F~158 °F)
Operating Humidity: 10%~90% RH
Storage Humidity: 5%~90% RH
- **Package Contents**
300Mbps Wireless N 4G LTE
Outdoor/Indoor Router MB118-4G
2× Antennas
1× 1.2 m RJ45 Ethernet Cable
1× PoE Injector*
1× DC Power Adapter
Quick Installation Guide
Window/Pole/Wall Mounting Kits

© 2025 MERCUSYS

[†]Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage, and quantity of connected devices 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.

[‡]Maximum 4G download speeds depend on external factors such as the local 4G network coverage, data plan, real-time network capacity, client limitations, and environmental factors.

[§]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 Quick Installation Guide; otherwise, the protective features may fail.

*The passive PoE injector supports a cable length up to 30 meters, but the value may vary due to the environment and the quality of the Ethernet cable. For reliable performance of the PoE injector, Cat5e or above, 24AWG or thicker copper wire Ethernet cables are recommended. The included Ethernet cable is 1.2-meter long. If you need a longer cable, please purchase it separately.