

OUTDOORROUTER



EZR34T-5G QUICK GUIDANCE EZR34T-5G SCHNELLEITUNG

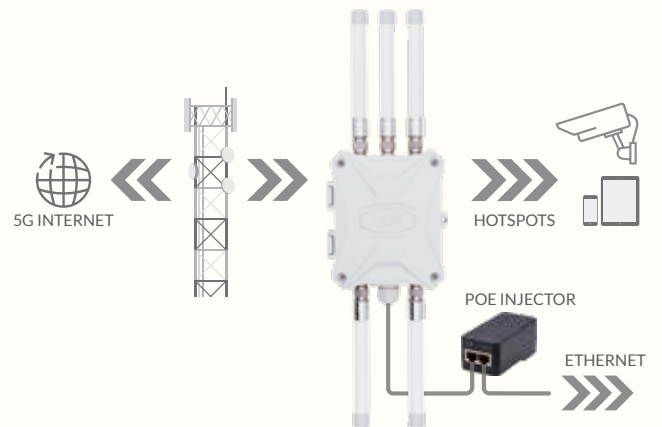


EZR34T.OutdoorRouter.xyz

Scan QR code or visit URL link to see the complete edition of the online manual.






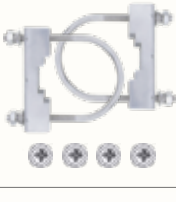
Scannen Sie den QR-Code oder besuchen Sie den URL-Link, um die vollständige Ausgabe des Online-Handbuchs zu sehen.

WORKING PRINCIPLE WIE FUNKTIONIERT ES



PACKAGE CONTENTS PACKUNGSINHALT

STEP 1.1 Check and count the package contents.

		
Outdoor Router Außen-Router	3x 5G and 2x WiFi Omni Antennas Rundum-Antennen	10-Meter LAN Cable LAN-Kabel 32,8-Fuß
		
PoE Injector 1Gbps PoE-Injektor 52Volt	L-Bracket & T-Wrench Halterung & Schlüssel	Mounting Kit Montagesatz für außen

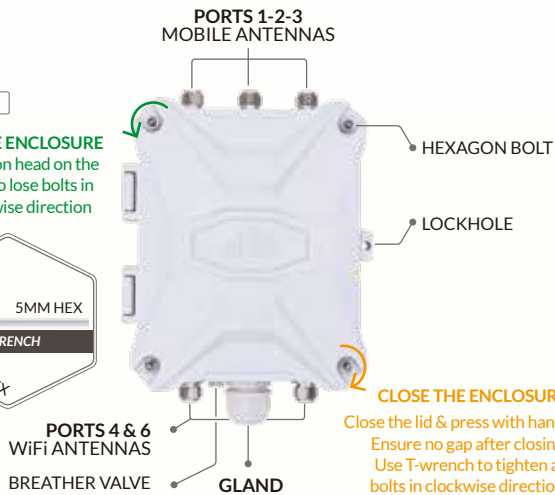
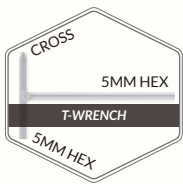
Note: The PoE injector has either UK/EU/US/AU plug according to the destination. Please contact us immediately if any components are missing.

INTERFACE OVERVIEW PORTS & SCHNITTSTELLEN

PORTS 1-6 ARE EMBOSSED
NUMBERS ON THE ENCLOSURE

STEP 1.2

OPEN THE ENCLOSURE
Use hexagon head on the
T-wrench to lose bolts in
anti-clockwise direction



STEP 1.3

INSTALL ANTENNAS ANTENNEN INSTALLIEREN

You can install the antennas after finishing
the below step 2 or step 3.



The 5G-NR antennas are marked **MOBILE**
and Wi-Fi antennas are engraved **WIF14-5**.

LOCATE ANTENNA SOCKETS

Locate embossed numbers
1-6 on the top & bottom sides

1-2-3 are for **MOBILE** antennas
4 & 6 are for **WIF14-5** antennas

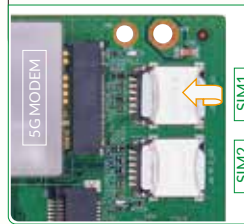
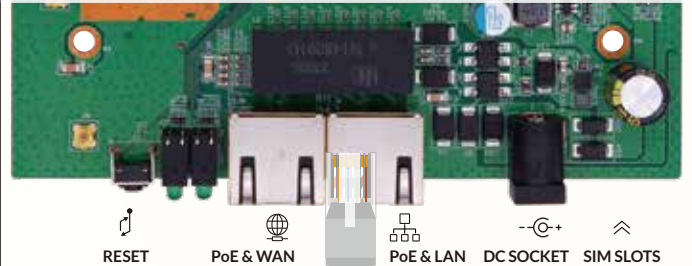
Put antennas aligned at corresponding
sockets, turn the milled part on the
antenna head in the clockwise
direction to tighten them.

UPGRADEABLE

All of the base sockets are N-female.
Ensure alternative antennas are
with N-Male connectors.



INSERT SIM CARD & CONNECT PoE SIM-KARTE EINLEGEN & PoE ANSCHLIESSEN



BARREL

STOPPER

CAP

Firstly, take off the Cap
anti-clockwise from gland.
Push from inside of Barrel
to take out the Stopper.

PoE **STEP 2.2**

STEP 2.1 SIM CARD

Please turn off the power while
inserting or taking out SIM card.

Locate **SIM1-2** slots in top right corner.
Tap the lid, slide left to open the slot.

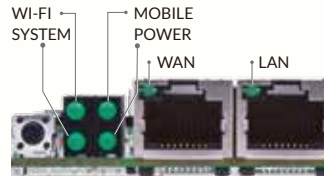
Put a Nano SIM card in the **SIM1** slot.
The gold pins should be face down.

Cover the SIM lid and slide right to lock it.

REMARKS

Activate the SIM card before using it.
Ensure the SIM card has data allowances.

INDICATORS



The SIM indicators are in top left corner
of each SIM card slot.

The indicators turn on green color
when a related function is activated.
They flash when having data flow.

Take one end of the LAN
cable through the Cap.

Put the LAN cable through
Barrel, plug in PoE & LAN port.

Clamp the Stopper on the LAN
cable & settle it in the Barrel.

Turn the Cap clockwise to
tighten it on Barrel.

Connect another
end of LAN cable
to the PoE port on
the PoE injector

ETHERNET

Connect a computer to the LAN port
on the PoE injector to get the Ethernet.
To use another router, connect its WAN
port to the LAN port on the injector.

ALTERNATIVE POWER

You can replace PoE injector with an
IEEE802.3af/at standard PoE switch and
the DC socket takes 9-52Volt power.



BRACKET & MOUNTING

HALTERUNG UND BEFESTIGUNG

STEP 3.1 SIGNAL COVERAGE

The router should install in a suitable location, such as elevated, near a window, and away from obstructions and RF equipment.

The cellular signal quality is crucial to mobile internet speed and stability. Ensure there is fair signal coverage at the spot for installing the router.

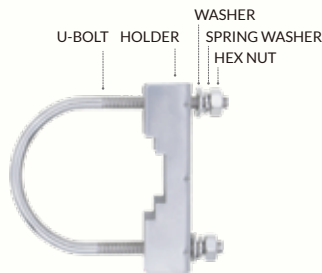
Suggest using a 5G smartphone and walking around to check the network type and signal bars. To measure the 5G signal quality accurately, please check tutorial at <https://www.outdoorrouter.com/5gnr/>.

STEP 3.2 INSTALL ON A POLE

Find a pole with Ø35~50mm diameter. The pole is not included in the package. The typical installation is on a vertical pole. You can also install it horizontally.

- Use the cross end on T-wrench and M6 cross-head screws to install the **L-shape bracket** on the backside of the enclosure.

Turn the bracket to be parallel with the pole if it's horizontal.
The router antennas should keep in the vertical direction.



Firstly, clasp the pole with **U-bolts** and **holders**, then attach them on either side of the L-shape bracket.

On another side of the bracket, put **washers**, **spring washers**, and **hex nuts** on U-bolts.

Tighten the hex nuts with an M10 spanner and finish the installation.

POWER ON ROUTER

Connect the AC plug on the PoE injector to the 110~240 Volt electrical outlet and the router will boot up automatically

FIRMWARE CONFIGURATION

FIRMWARE KONFIGURATION

STEP 4.1 CONNECT BY WIFI OR LAN

After turning on power, use a phone or computer to join the open Wi-Fi hotspot **Outdoor-WiFi-xxx** or connect the computer to the **LAN port** on the PoE injector.

Open a web browser, enter the router IP **http://192.168.30.1** on the address bar. Click the **Login** button to access the admin panel.

AUTHORIZATION REQUIRED

Please enter your router password!

Password

* If unable to access the login page, change a web browser and recheck the Wi-Fi or LAN connection.

STEP 4.2 SET ADMIN PASSWORDS

After accessing the router, navigate to **System > System** from the top menu. Under the **General Settings** tab, click the **Sync with browser** button to sync the time.

Go to **System > Administration**, input new custom **router password** twice, then click the **Save and Apply** button to save settings. * Keep the password in a safe place.

STEP 4.3 SET WIFI HOTSPOTS

Go to **Network > Wireless**, there are two WiFi hotspots on the wireless overview.

[ra0]	MT7615E 802.11bgn ---- SSID: Outdoor-WiFi-xxx-V4	[2.4 GHz]
[rax0]	MT7615E 802.11anac --- SSID: Outdoor-WiFi-xxx-V5	[5.8 GHz]

Click the **Disable (Enable)** buttons to turn off (on) the WiFi hotspots. **Associated Stations** are the active WiFi connections and their working status.

Click the Edit buttons on each SSID row to enter their configuration pages.

On the **General Setup** tab, you can monitor the hotspot's working status. Suggest using default settings of Mode, Channel, Width, and Transmit Power.

WIFI SSID & PASSWORD

Scroll down to **Interface Configuration**, and change WiFi SSID on the **ESSID** field.

Click the tab of **Wireless Security**, and choose WPA, WPA2, or mixed mode on the **Encryption** option. Input the WiFi password in the **Key** field.

Click the **Save & Apply** button on the bottom right corner. The WiFi hotspot takes 2~3 minutes to reboot. Then re-connect to the new hotspot.

WIFI COVERAGE

For better outdoor WiFi coverage, suggest installing the router in an open space with the fewest barriers nearby.

To cover indoor spaces, you can install the router near the windows or doors. You can also use an indoor router and link to the LAN port on the PoE injector.

STEP 4.4 SETUP CELLULAR MODEM

The default cellular settings can adapt to most operators. You can find the mobile modem **Device** information on the front page.

If the Mobile fails to connect, verify the 4G/5G signal quality and check with the operator if the SIM card is enabled and has data allowance.

MOBILE INTERFACE



Protocol: Mobile Data
Uptime: 12h 12m 12s
RX: 757.03 KB (1782 Pkts.)
TX: 1.66 MB (11551 Pkts.)
SIM: Primary SIM1
IPv4: 10.xx.xx.xx/xx

Go to **Network > Interfaces**. Check the protocol, uptime, data flow, SIM, and IP.

Click the **Edit** button to configure the advanced Mobile parameters.

Protocol Use QMI or PPP protocol for traditional networks and virtual operators.
** Check the tutorial at <https://ezen.link/protocol/>*

Active SIM Choose the SIM card slot that inserts a SIM card.

Auto Switch SIM Card Enable it when inserting two SIM cards on both SIM1/2 slots.
It switches to another slot when Active SIM Card is offline.

Primary SIM1 / Secondary SIM2

APN Refer to operator's instructions to set APN, username, and password.
** Refer to the tutorial at <https://ezen.link/apn/>*

PIN Leave it blank when using the default SIM card PIN code.

Authentication IP Type Usually use **PAP** or **PAP/CHAP** authentication.
Please choose **IPv4 only** or **both IPv4/IPv6**.

STEP 4.5 LAN INTRANET NETWORKS

Turn on DHCP mode on the phone or computer to obtain a local IP address from the router. To use a static IP address, please comply with the below format.

Computer IP 192.168.30.100~249 (*pick one IP from 100~249*)
Subnet mask 255.255.255.0 (*24 on Windows*)
Gateway (Router IP) 192.168.30.1

STEP 4.6 RECOVERY

Reboot

Rebooting the router could solve glitches after a long period of work. Go to **System > Reboot** or replug the PoE injector to reboot it.

Soft Reset

If the router works unstable after changing settings, go to **System > Backup / Flash Firmware**. Click the **Perform Reset** button to reset it.

Hard Reset

To run a hard reset, tap and hold the **Reset** button for 5 seconds when the router is powered on. Release it and wait 5 minutes until boots up.

IMPORTANT!
DO NOT TURN OFF POWER WHILE RESETTING THE ROUTER!



Thanks for reading! If you have questions while using the router, please check the online manual at **EZR34T.OutdoorRouter.xyz**

Please feel free to contact us if you need any further assistance.



OutdoorRouter
www.outdoorrouter.com

Feel free to contact us if you need any further assistance.
Bei fragen wenden sie sich bitte an nus.

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