

User Guide

Eupry 4G Router

Wi-Fi basestation with heartbeat

NR4GL



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2 Introduction

2.1 Intended Purpose

The router is preconfigured to be set up with any Eupry WiFi Data Loggers that are purchased alongside it. It uses a 3G or 4G data connection to provide wireless internet that our Data Loggers can access.

2.2 Package Contents

The package includes one each of the following:

- Router RUT240
- 9 W PSU
- 2 x LTE antennas (swivel, SMA male)
- 1 x WiFi antenna (swivel, RP-SMA male)

Router RUT240/RUT241	9 W PSU	2 x LTE antennas (swivel, SMA male)	1 x WiFi antenna (swivel, RP-SMA male)
			

3 The Front Panel



Name	Status	Indication	Picture
POWER	Green	Lights green when power is on	
SIGNAL	Green	Shows the signal strength	
2G/3G/4G	Green	Shows which internet type it is connected to, it can be either 2G, 3G and 4G	

4 Technical Specifications

General	
Dimensions (W x H x D)	83 x 25 x 74 mm
Casing material	Aluminum housing
Operating Temperature	-40 C to 75 C
Operating Humidity	10 % to 95 % non-condensing
Ingress Protection Rating	IP30
Wireless Standards	IEEE 802.11b/g/n, Access Point (AP), Station (STA)
Network Protocol	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSL v3, TLS, ARP, VRRP, PPP, PPPoE, UPnP, SSH, DHCP, Telnet client, SNMP, MQTT, Wake On Lan (WOL)
Indicators	LEDs
Power	9VDC, 1A, 4-pin plug
Certifications	CE/RED, FCC, IC/ISED, EAC, RCM, PTCRB, RoHS, WEEE, Wi-Fi Certified, CCC, Anatel, GCF, REACH, Thailand NBTC, Ukraine UCRF, SDPPI (POSTEL)
Cellular frequency bands	4G (LTE-FDD): B1, B2, B3, B4, B5, B7, B8, B12, B13, B18, B19, B20, B25, B26, B28 4G (LTE-TDD): B38, B39, B40, B41 3G: B1, B2, B4, B5, B6, B8, B19 2G: B2, B3, B5, B8

5 Setting up the router

5.1 Attach the antennas to the router

There are three antennas in the package:

1. The antennas are marked with the names that fit the ports; Wifi, Mobile and Mobile.
2. Connect the antennas firmly and pointing upwards



5.2 Insert the power supply cable

It is important to use the cable that is sent together with the router.

Do not use another power supply cable.

Do not insert a cable in the LAN or WAN input.

1. Insert the power cable on the left side of the router.
2. The cable clicks into the input when it is connected correctly



5.3 Turn on the router

1. To turn on the router, insert the power supply cable into a power socket.
2. It takes a couple of minutes before the router is connected.
3. The POWER LED lights up green

6 Support

If you have any problems with setting up the router, please contact Eupry support:

Tel: **+45 53 51 77 00**

E-mail: **support@eupry.com**

7 Change history

Revision	Author	Date	Change
0.1	NHP	Feb-2023	First revision
0.2	NHP	09-OCT-2023	Update document format for revision, naming, remove old address and rename of Eupry Support Centre to Eupry Knowledge Center. Added RUT41.
0.3	NHP	16-OCT-2024	Changing the visual graphic in the document using the new template, the text site and font.