

# RUTX11 // v3.0

HVIN: RUTX11NA

## QUICK START GUIDE

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## TECHNICAL INFORMATION

Radio specifications	
RF technologies	3G, 4G, WiFi, BLE, GNSS
Max RF Power	25 dBm@WCDMA, 25 dBm@LTE, 20 dBm@WiFi 2.4G, 23 dBm@WiFi 5G, 10 dBm@BLE
Bundled accessories specifications*	
Power adapter	Input: 0.6 A@100-240 VAC, Output: 12 VDC, 1.5 A, 4-pin plug
Mobile antenna	698–960/1710–2690 MHz, 50 $\Omega$ , VSWR<3, gain** 2.49dBi@800 – 960 MHz; 4.08dBi@1710 – 2690 MHz, omnidirectional, SMA male connector
WiFi antenna	2400–2500 MHz / 5100–5950 MHz, 50 $\Omega$ , VSWR < 2.5, gain** 3.5 dBi, omnidirectional, RP-SMA male connector
BLE antenna	2400–2500 MHz, 50 $\Omega$ , VSWR < 2.5, gain** 2.5 dBi, omnidirectional, RP-SMA male connector
GNSS antenna	1575.42–1602 MHz, 2.2–5 VDC, VSWR < 1.5, active gain 28 dB (typ.), RHCP polarization, SMA male connector

## COMPLIANCE INFORMATION\*

RUTX11 router must be used in compliance with any and all applicable national and international laws and with any special restrictions regulating the utilization of the communication module in prescribed applications and environments.

### Simplified EU and UK Declaration of Conformity

Hereby, TELTONIKA NETWORKS declares that this RUTX11 is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU and with Radio Equipment Regulations 2017.

The full text of the EU and UK Declaration of Conformity is available at the following internet address: <https://wiki.teltonika-networks.com/view/Certificates>

In all EU member states, operation of 5150-5350 MHz is restricted to indoor use only.

### FCC

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

### NOM

La operación de este equipo está sujeta a las siguientes dos condiciones:

1. Es posible que este equipo o dispositivo no cause interferencia perjudicial.
2. Este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

Detailed compliance information is available at the following internet address: [wiki.teltonika-networks.com/view/Certificates](https://wiki.teltonika-networks.com/view/Certificates)

\*Order code dependent.

\*\*Higher gain antenna can be connected to compensate for cable attenuation when a cable is used. The user is responsible for the compliance with the legal regulations.

