RUT850

AUTOMOTIVE CELLULAR ROUTER

RUT850 360˚ VIEW

CONNECTIVITY

4G/LTE (Cat 4), 3G, 2G

SLEEP MODE

With ignition detection and overvoltage protection

WIFI

Wireless Access Point with Hotspot functionality

DURABILITY

Vibration resistant FAKRA connectors

GNSS

Global Navigation Satellite System for location services with geofencing functionality

RMS

Compatible with Teltonika Remote Management System

RUT850

PRODUCT DESCRIPTION

// RUT850 is specifically designed for vehicle in-car applications.

// This e-mark certified ultra-slim router is easy to install and comes with two external LTE antennas for the best possible signal wherever you are.
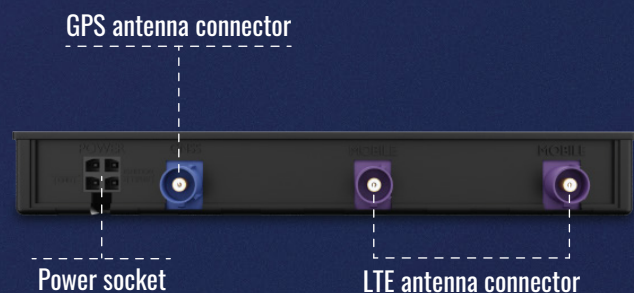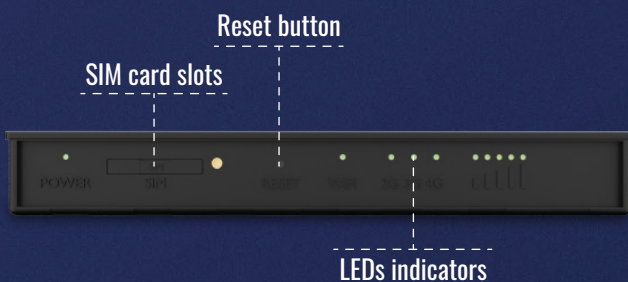
// It fulfils all on-the-road requirements: vehicle Wi-Fi hotspot, GPS, and supports high-speed LTE Cat 4, which provides speeds of up to 150 Mbps for leisure or business demands.

// It is an ideal router for cars, campers, coaches, and commercial vehicles, enabling stable and secure internet access for any type of WLAN clients.

FRONT VIEW

Reset button

SIM card slots

LEDs indicators

BACK VIEW

GPS antenna connector

Power socket

LTE antenna connector

KEY FEATURES

HARDWARE

Mobile	4G/LTE (Cat 4), 3G, 2G
CPU	Atheros, MIPS 74Kc, 550 MHz
Memory	16 MBytes Flash, 64 MBytes RAM
Powering option	4pin power socket, 9-30 VDC
SIM	1 x External SIM holder (2FF)
Antenna connectors	2 x FAKRA D for mobile, 1 x FAKRA C for GPS
WiFi	IEEE 802.11b/g/n, Access point (AP), Station (STA)
GNSS	GPS, GLONASS, BeiDou, Galileo, QZSS
Inputs/Outputs	On 4pin socket: 1 x Digital input
Status LEDs	3 x Connection type, 5 x Signal strength, 1 x WiFi, 1 x Power
Operating temperature	-40 °C to 75 °C
Housing	Plastic housing
Dimensions (W x H x D)	131 x 18 x 79 mm
Weight	110 g

SOFTWARE

Operating system	RutOS (OpenWrt based Linux OS)
Network	Failover (Network backup), VLAN, QoS, Load Balancing
Network protocols	TCP, UDP, IPv4, IPv6, ICMP, NTP, DNS, HTTP, HTTPS, FTP, SMTP, SSLv3, TLS 1.3, ARP, PPP, PPPoE, DHCP, Telnet
Monitoring and management	WEB UI, CLI, SSH, SMS, TR-069, SNMP, JSON-RPC, MQTT, RMS
Connection monitoring	Ping Reboot, Wget reboot, Periodic Reboot, LCP and ICMP for link inspection
Cloud solutions	RMS, FOTA, Telenor, Azure IoT Hub, Cloud of Things, Cumulocity, ThingWorx
Hotspot	External/Internal Radius, SMS OTP, MAC authentication, Walled Garden
Supported Hotspot platforms	IronWiFi, HotspotSystem, Cloud4Wi, SAI + WiFi, MugiCloud, Purple.ai
NTP	NTP Server, NTP Client, Sync with: External NTP server, GNSS, Mobile operator
GNSS	NMEA forwarding, AVL, Geofencing

--- RMS ---

RMS REMOTE MANAGEMENT SYSTEM
COMPATIBLE WITH RUT850
MANAGEMENT | ALERTS | CONFIGURATION | ACCESS | FOTA

--- SOCIAL ---

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