

# WL-950™

## Dual SIM



### WL-950™ Prime Applications

The Teltonika RUT950 is ideal for many applications including - CCTV, Digital Signage and many Telemetry applications. If users have previously utilised the RUT500, RUT950 is the perfect replacement adding 4G and Dual SIM capabilities for a reasonable increase in cost.

### RUT950 Dual SIM router

The RUT950 Dual SIM router combines both 4G & 3G technology with up to 100Mbps download and 50Mbps upload in to a rugged, compact footprint. The integrated 802.11b/g/n Access Point and integrated 4-port 10/100 Ethernet Switch allows the 4G connection to be shared by wired or wireless devices. A simple to use web management GUI with first-time Setup Wizard allows this unit to be configured with ease.

The Teltonika RUT950 is supplied with two 4G stick antennas for good out of the box reception, but larger external antennas can be installed on to its SMA female antenna connectors if required.

### Link Resilience with Ping Reboot

The ability for a 4G router to maintain its Internet connection is often overlooked. However, this ability is essential if the router is going to be installed in unmanned locations or areas where access to equipment is difficult.

The Teltonika 'Ping Reboot' automatically reboots itself if the router goes offline for a configurable level of time. This feature eliminates the need to visit site to reboot the router if there have been temporary cell mask issues or intermittent levels of network coverage.

The router also supports SMS status and Reboot commands that allow the router to be interrogated for current signal level or rebooted via SMS. These powerful remote diagnostic tools could prevent a site visit by an engineer, lowering maintenance costs.

### RUT950 Warranty Options

The RUT950 includes one year warranty as standard. This is extended when purchased through Wireless Logic's Connected 3G/4G Router Solutions package.

# Technical Specifications

## 4G Specifications

FDD 800/850/900/1800/1900/2100/2600 MHz  
 Up to 100 Mbps downlink speed  
 Up to 50 Mbps uplink speed  
 All bands with diversity

## 3G Specifications

System log to record the status of the router  
 VRRP  
 Web filter  
 Wireless hotspot with or without radius server  
 SIM card switch controlled by signal, data limit, roaming  
 Configuration profiles  
 Dual image with safemode firmware  
 Firmware update from bootloader via WebUI  
 Restore point

## Electrical, Mechanical, Environmental

Dimensions:	(H x W x D) 80mm x 106mm x 46mm
Weight:	285g
Power supply	100 – 240 VAC -> 9 VDC wall adapter
Input voltage range:	9 – 30VDC
Power consumption:	< 7W
Operating temperature:	-20° to 55° C
Storage temperature:	-20° to 70° C
Operating humidity:	10% to 90% Non-condensing
Storage humidity:	5% to 95% Non-condensing
	850/900/1900/2100 MHz
DC-HSPA+ mode:	DL up to 43.2 Mbps, UL 5.76 Mbps
HSPA+ mode:	DL up to 21.6 Mbps, UL 5.76 Mbps
UMTS mode:	384 kbps DL/384 kbps UL
	All bands with diversity

## GSM/GPRS/Edge Specifications

850/900/1800/1900 MHz  
 Power Class 4 (2 W, 33 dBm) GSM/GPRS 850/900 MHz  
 Power Class 1 (1 W, 30 dBm) GSM/GPRS 1800/1900 MHz  
 Power Class E2 (0.5 W, 27 dBm) for EDGE 850/900 MHz  
 GPRS: 85.6 kbps DL/85.6 kbps UL (class 12)  
 EDGE: 236.8 kbps DL/236.8 kbps UL (class 12)

## Ethernet

IEEE 802.3, IEEE 802.3u standards  
 3 x LAN 10/100Mbps Ethernet ports  
 1 x WAN 10/100Mbps Ethernet port (can be configured as LAN)  
 Supports Auto MDI/MDIX

## WiFi Features

IEEE 802.11b/g/n WiFi standards  
 2x2 MIMO  
 AP and Client modes  
 64/128-bit WEP, WPA, WPA2, WPA&WPA2 encryption methods  
 2.401 – 2.495GHz WiFi frequency range  
 20dBm max WiFi TX power  
 SSID stealth mode and access control based on MAC address

## Hardware Specification

Operating humidity:	10% to 90% Non-condensing
Storage humidity:	5% to 95% Non-condensing