









# iRZ RL01

iRZ RL01 is a compact router designed to transmit data via mobile networks. LTE/HSPA+/UMTS/EDGE/GPRS support enables high-speed Internet access with up to 50 Mbit/s reception/transmission rate.

The RL01 core is a high-performance ARM processor. OpenWRT operating system provides high performance and uninterrupted operation of the router. The open platform allows software to be embedded and thus RL01 functionalities to be expanded.

The router supports the following network functionalities: DNS, OpenVPN, GRE tunnels, DHCP Server, Firewall, NAT, NTP Client, NTP Server, PPTP Client. A wide range of operating temperatures (-40 to +65°C) allows the router to be used in different climatic conditions.

RL01 is designed to provide Internet connection for vending machines and ATMs, industrial equipment units, mobile offices, security and CCTV, monitoring and control systems and other systems which require fast connection to the Internet.

 QUAD-BAND GSM	 HSPA+	 LTE
 LAN	 2 x SMA GSM	 WATCHDOG TIMER
 INDUSTRIAL INTERFACES	 EXTENDED TEMPERATURE RANGE	



**Hardware:**

- Processor MIPS 24KEc 580 MHz
- Dynamic RAM 64 MB
- Flash memory 16 MB
- Ethernet 10/100 Mbit

**Communication Standards:**

- GPRS
- EDGE
- UMTS (3G)
- HSPA+ (3G)
- LTE (4G)

**Optional functionalities:**

- Port forwarding for access to local area network resources
- Synchronization of internal clocks with external sources
- Operations, administration and maintenance (OAM)

via Web-interface

- DHCP Server
- Firewall (iptables)

**Connectors and Interfaces:**

- 8P8C — 10/100 MBit/s Ethernet
- 6P6C — power connector
- 2 x SMA connector for GSM antenna
- 2 x SIM card slot
- Reset button

**Electrical Specifications:**

- Supply voltage: 8 to 30 V
- Current consumption: 500 mA at supply voltage of 12 V
- Current consumption: 250 mA at supply voltage of 24 V

**Physical Specifications:**

- Plastic case
- Max. overall dimensions: 123x87x25 mm
- Weight: Max. 100 g
- Operating temperature range: -40°C to +65°C

