iRZ RU11w

The compact Wi-Fi router iRZ **RU11w** is designed for data transmission via cellular network. The support of HSPA+/UMTS/EDGE/GPRS technologies provides high-speed access to the Internet (download up to 21.1 Mbps, upload - 5.7 Mbps).

The **RU11w** key feature is the availability of two Ethernet interfaces. It provides connection of an external device by means of one interface and the second device or network cable by other interface.

The **RU11w** core is the high-performance processor MIPS. Linux operating system provides the router high performance and service continuity. The open platform provides building in of software and thereby increasing the **RU11w** functional capabilities.

The router supports the following network functions: OpenVPN, DNS, PPTP, DHCP, Server, Firewall, NAT, NTP Client, NTP Server. There is a possibility of the Internet-connection redundancy. In case of wired connection break **RU11w** transmits data over wireless channel. Extended temperature range (-20°C to +65°C) provides the use of the router in various climatic conditions.

RU11w is designed for wired and wireless connection of various equipment to the Internet: trade terminals and cash machines, industrial equipment sites, mobile offices, security and video surveillance systems, monitoring and management systems, as well as other systems requiring flexible connection to the Internet.

FIVE-BAND	3G	HSPA+
EDGE CLASS 12	GPRS CLASS 12	Wi-Fi
WAN	LAN	INDUSTRIAL INTERFACES
WATCHDOG TIMER	EXTENDED TEMPERATURE RANGE	

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Hardware components:

- MIPS Processor, 24KEc 360 Mhz
- DRAM 32 MB
- Flash-memory 8 MB
- Ethernet 10/100 Mbit

Communication standards:

- GPRS
- EDGE
- UMTS (3G)
- HSPA+ (3G)
- IEEE 802.11b/g (Wi-Fi)

Additional functions:

- Port forwarding to access resources in the local area network
- Synchronization of the internal clock with external sources
- Operations, administration and management (OAM)
via Web-interface
- DHCP Server
- Firewall (iptables)
- OpenVPN
- PPTP
- Autoswitching WAN to 3G

Connectors and interfaces:

- WAN (Ethernet 10/100 Mbps)
- LAN (Ethernet 10/100 Mbps)
- Microfit4 power connector

Power supply:

- Power voltage from 8 to 30 V
- Current consumption:
  At the power voltage 12 V - 500 mA
  At the power voltage 24 V - 250 mA

Physical specifications:

- Plastic body
- Dimensions – 91x86x35 mm max
- Weight – 150 g max
- Temperature range: from -20°C to +65°C

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