

# RB900ioU



The **RB900ioU Terminal** is a small and very simple to use device, breaks through the barriers to M2M connectivity by minimizing investment and by reducing time-to-market and total system costs. Based on the advanced high quality GSM module offers high level GSM/GPRS/3,5G features in compact aluminium housing with all the standardized interfaces and configurable GPIO. Together with its small size and wide supply voltage range, makes it easy to integrate into all kinds of machines.

The **RB900ioU Terminal** enabling voice, eCall, data, SMS and fax communication is a universal solution for all low-volume M2M and mobile data applications including metering, traffic systems, transportation and logistics, security, vending machines, and facility management.

Device can be controlled by standard AT commands or by customer's application inside (embedded Python Script Interpreter), thus making it the smallest, complete SMT platform for m2m solutions.



- Dual Band GSM/GPRS/EDGE Class 33 for EUx
- Dual Band HSPA
- Ultra compact size
- SMS/FAX/internet protocols
- 15-PIN connector with configurable I/O
- Python Script Interpreter
- External RF
- RoHS compliant

**TELEORIGIN**

ul. Szymanowskiego 13, 05-092 Łomianki  
tel. + 48 22 751 76 80, fax. + 48 22 751 76 81  
info@teleorigin.com

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## RB900ioU Terminal features:

- 7 configurable GPIO
- Dual band GSM/GPRS/EDGE, 3GPP protocol stack release 7
- Dual band HSPA
- SMS (text & PDU mode, SMS over GPRS)
- Embedded protocols TCP/IP, UDP/IP, SSL, FTP, SMTP, POP3

**Connectivity:** 15-pin connector (DB15F), USB 2.0 HS

**Power supply:** 5..30V DC

**Typical current consumption:** 0,3A (max to 0,9A)

**SIM card:** 3V

**Antenna:** GSM dual band (connected via SMA connector)

**Dimensions:** 83 x 53.5 x 26 mm



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