

RB900io



The **RB900io 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 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 **RB900io 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 and AppZone), thus making it the smallest, complete SMT platform for m2m solutions.



Quad-band GPRS Class 10

Ultra compact size

SMS/FAX/internet protocols

15-PIN connector with configurable I/O

Python Script Interpreter / AppZone "C" language

External RF

RoHS compliant

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RB900io Terminal features:

7 configurable GPIO
Python Script Interpreter and AppZone
Quad-band GSM/GPRS 850/900/1800/1900 Mhz
GSM/GPRS (protocol stack 3GPP Release 4 compliant)
SMS (text & PDU mode, SMS over GPRS)
Embedded protocols TCP/IP, UDP/IP, SSL, FTP, SMTP, POP3
Voice

Connectivity: 15-pin connector (DB15F)

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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