

RB800

programmable, low cost GSM/GPRS/EDGE/UMTS terminals



The **RB800** terminal series is the complete modem solution for wireless m2m applications. Based on the high quality module, it is available as DUAL or QUAD band versions and offers high level GSM/GPRS/EDGE/UMTS features in compact aluminum housing with all the standardized interfaces and optionally GPIO, SD memory card, backup battery or dual SIM option. Together with its small size and wide supply voltage range, makes it easy to integrate into all kinds of machines.

The **RB800** modem series 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.

Key benefits

Features

Best pricing level	RS232 & USB interfaces
Fast Time-To-Market	Audio support
Easy wireless application	SMA antenna
Extended power supply range	Dual SIM, GPIO, SD card, Battery
Low power consumption	Telit AT command set
	Python Script Interpreter
	m2mLOCATE, m2mAIR, m2mCLOUD



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Specification:

- Ideal for connecting devices with RS232 or RS485:
 - Vending Automation
 - Industrial control
 - Sensors
 - Alarms
 - Telemetry
 - Remote control
- Serial UART or USB interface
- SMA antennas connector
- Power supply from 5 to 30V DC
- Extremely compact (only 83 x 53.3 x 26 mm)
- Quad Band = can be used worldwide
- Perfect with customer APN and m2mAIR SIM cards
- -40° ~ + 85° temperature range
- Control via AT commands or Python application



Optional accessories:

- External antenna
- Power supply and customized connection cable
- Optional internal backup battery



• DIN mounting



• Wall mounting

Network	Model	Speed	Interface			GPIO		Dual SIM	SD card	Function			Python	Audio	Battery
			RS232	RS485	USB	In / Out	Analog in			SMS	Email	CSD			
2G	RB800	85.6 kBit/s	•	○	-	-	-	○	-	•	•	•	•	•	-
	RB800-IO	85.6 kBit/s	•	○	-	7	○ 5	○	-	•	•	•	•	•	○
	RB800-M	85.6 kBit/s	•	○	-	-	-	○	•	•	•	•	•	•	-
	RB800-IO-M	85.6 kBit/s	•	○	-	7	○ 5	-	•	•	•	•	•	•	○
	RB800WR	85.6 kBit/s	•	○	-	-	-	○	-	•	•	•	•	•	-
3G	RB800U	7.2 Mbit/s	•	○	•	-	-	○	-	•	•	-	•	-	-
	RB800U-M	7.2 Mbit/s	•	○	•	-	-	○	•	•	•	-	•	-	-
	RB800U-IO	7.2 Mbit/s	•	-	•	7	○ 5	-	-	•	•	-	•	-	○

• support ○ option - not support