

TELEORIGIA

RB900

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





The RB900 terminal series is the complete modem solution for wireless m2m applications. Based on the high quality module, it is available as QUAD or PENTA band versions and offers high level GSM/UMTS/HSPA+/LTE features in compact aluminum housing with all the standardized interfaces and optionally GPIO, SD memory card, backup battery, GPS receiver 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 RB900 modem series enabling TCP/IP, UDP, SMS, MMS 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 or AppZone "C"), thus making it the smallest, complete SMT platform for M2M solutions.

Key benefits	Features
Best pricing level	RS232 & USB interfaces
Fast Time-To-Market	SMA antenna
Easy wireless application	GPIO, SD card, GPS, Battery
Extended power supply range	Telit AT command set
Low power consumption	Python Script Interpreter or "C"
	m2mLOCATE, m2mAIR, m2mCLOUD























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Specification:

- Ideal for connecting devices with RS232 or RS485:
 - Vending Automation
- Industrial control

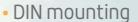
- Sensors

- Alarms

- Telemetru

- Remote control
- Extremely compact (only 83 x 53.3 x 26 mm)
- Ouad Band = can be used worldwide
- Perfect with customer APN and m2mAIR SIM cards
- Embedded TCP/IP and UDP stacks
- Control via AT commands or Python/C application
- UMTS, HSPA+ or LTE up to 100 Mbit/s
- Serial UART or USB interface
- SMA antennas connector.
- Power supply from 5 to 30V DC







Wall mounting

Optional accessories:

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

Network	Name	Speed	Interface		GPIO	Dual	SD	Function			Program		Dot	GPS		
			RS232	RS485	USB	In / Out	SIM	SD	SMS	Email	MMS	CSD	Python	С	Bat	UPS
2 G	RB900	85.6 kBit/s	•	-	•	-	ं	-	•	•	•	•	•	•	-	ं
	RB900-I0	85.6 kBit/s	•	-	•	7	-	-	•	•	•	•	•	•	0	0
	RB900-M	85.6 kBit/s	•	-	•	-		•	•	•	-	•	•	•	-	ं
	RB900MODBUS	85.6 kBit/s	0	•	•	-	0	-	•	•	•	•	-	•	-	ं
3G	RB900U	7.2 Mbit/s	•	-	•	-	0	-	•	•	•	-	•	•	-	ं
	RB900U-I0	7.2 Mbit/s	•	-	•	7	-	-	•	•	•	-	•	•	ं	ं
	RB900U-M	7.2 Mbit/s	•	-	•	-	0	•	•	•	•	-	•	•	-	0
4G	RB900L	100 Mbit/s	•	-	•	-	0	-	•	•	•	-	-	•	-	ं