

RB900

PROGRAMMABLE, LOW COST GSM/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 band versions and offers high level GSM/UMTS/LTE features in compact aluminum housing with all the standardized interfaces and optionally GNSS receiver, configurable GPIO, Dual SIM option or SD memory card to store all measured data. Together with its small size and wide supply voltage range, makes it easy to integrate into all kinds of machines.

TELEORIGIN
UNIQUE TECHNOLOGY FOR TELEMETRY



THE RB900 MODEM SERIES

The RB900 terminal enabling voice, eCall, high speed data transmission, 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 or "C" language), thus making it the smallest, complete SMT platform for M2M solutions.

KEY BENEFITS


FAST TIME TO-MARKET


BEST PRICING LEVEL

EASY WIRELESS APPLICATION 


EXTENDED POWER SUPPLY RANGE

LOW POWER CONSUMPTION 

FEATURES

RS232 & USB interfaces
SMA antenna
Dual SIM, GPIO, SD card, Battery
Telit AT command set
Python Script Interpreter or „C” language
m2mLOCATE, m2mAIR, m2mCLOUD

SPECIFICATION:

- Ideal for connecting devices with RS232 or RS485:
 - Vending Automation - Industrial control
 - Sensors - Alarms
 - Telemetry - Remote control
- Serial RS232 or USB interface
- SMA antennas connector

- Power supply from 5 to 30V DC
- Extremely compact (only 83 x 53.3 x 26 mm)
- Quad or Penta 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

OPTIONAL ACCESSORIES:

- External antenna
- Power supply and customized connection
- Optional internal backup battery
- DIN mounting
- Wall mounting

Network	Name	Speed	Interface			GPIO		Dual SIM	SD	Function			Python/C	Bat	GPS
			RS232	RS485	USB	Inputs	Outputs			SMS	E-mail	MMS			
2G	RB900	85.6 kBit/s	●	-	●	-	-	○	-	●	●	●	● / ●	-	○
	RB900-IO	85.6 kBit/s	●	-	●	5	2	-	-	●	●	●	● / ●	○	○
	RB900-M	85.6 kBit/s	●	-	●	-	-	○	●	●	●	● / ●	-	○	
	RB900MODBUS	85.6 kBit/s	○	●	●	-	-	○	-	●	●	●	- / ●	-	○
3G	RB900U	7.2 MBit/s	●	-	●	-	-	○	-	●	●	●	● / ●	-	○
	RB900U-IO	7.2 MBit/s	●	-	●	5	2	-	-	●	●	●	● / ●	○	○
	RB900-M	7.2 MBit/s	●	-	●	-	-	○	●	●	●	● / ●	-	○	
4G	RB900L	100 Mbit/s	●	-	●	-	-	○	-	●	●	●	- / -	-	○

● support ○ option - not support