RB800

PROGRAMMABLE, LOW COST GSM/GPRS/UMTS TERMINALS

TELEORIGIN
UNIQUE TECHNOLOGY FOR TELEMETRY

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/UMTS features in a 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, it's easy to integrate into all kinds of machines.
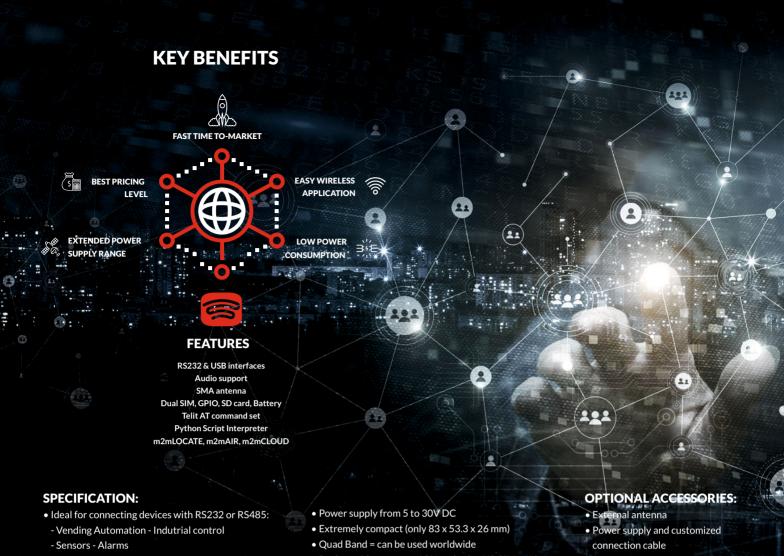
THE RB800 MODEM SERIES

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.

The 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

FAST TIME TO-MARKET

BEST PRICING LEVEL

EASY WIRELESS APPLICATION

EXTENDED POWER SUPPLY RANGE

LOW POWER CONSUMPTION

FEATURES

RS232 & USB interfaces
Audio support
SMA antenna
Dual SIM, GPIO, SD card, Battery
Telit AT command set
Python Script Interpreter
m2mLOCATE, m2mAIR, m2mCLOUD

SPECIFICATION:

- Ideal for connecting devices with RS232 or RS485:
  - Vending Automation - Indutrial 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
- Embedded TCP/IP and UDP stacks
- 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	Extra memory	Function			Python	Audio	Batt
			RS232	RS485	USB	In/Out	Analog In			SMS	E-mail	CSD			
2G	RB800	85.6 kBit/s	●	○	-	-	-	○	○	●	●	●	●	●	-
	RB800-IO	85.6 kBit/s	●	○	-	7	○ 5	○	○	●	●	●	●	●	○
	RB800WR	85.6 kBit/s	●	-	-	-	-	○	○	●	●	●	●	●	-
3G	RB800U	7.2 Mbit/s	●	-	●	-	-	○	○	●	●	-	●	-	-
	RB800U-IO	7.2 Mbit/s	●	-	●	7	○ 5	○	-	●	●	-	●	-	○

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