



RB900SG

Universal modem for energy applications

The RB900SG terminal is the complete modem solution for wireless m2m applications. It is based on the high quality module and offers LTE Cat. 4 (with a fallback to 3G and 2G) features in a compact plastic housing with RS232/RS485/RS422 interfaces. Together with its small size and wide supply voltage range, it makes it easy to integrate into energy meters.

The RB900SG modem incorporating SMS and TCP/IP communication is the universal solution for IoT communication and mobile applications used to transfer the data from devices (energy meters) connected through a serial port.

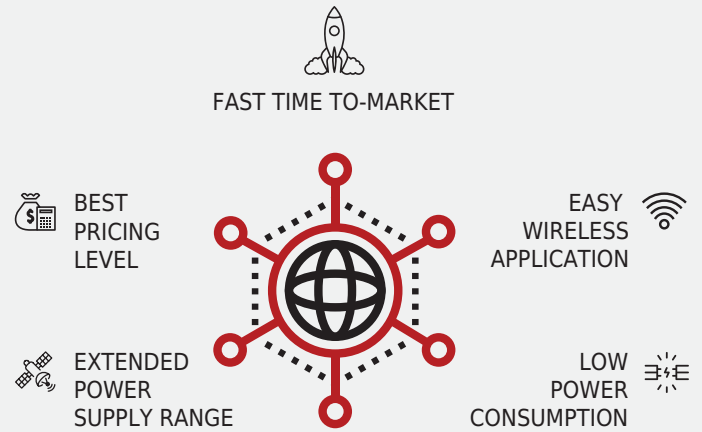
The RB900SG modem

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KEY BENEFITS



FEATURES

LTE Cat. 4 with fallback to 2G and 3G
 Transparent TCP/IP data reading from the meter
 RS232/RS485/RS422 interfaces
 Configuration over USB interface SMA antenna connector
 3.0V/1.8V SIM card interface

Network	Model	Speed (max.)	Interface		eSIM	Int. antenna	GNSS
			RS232/RS485/RS422	USB			
LTE	RB900SG-E5	LTE FDD: 150Mbps, HSDPA: 42Mbps, EDGE: 296Kbps	•/•/•	•	○	•	—

• support ○ option — not support

SPECIFICATION:

- Ideal for connecting energy meters through RS232/RS485/RS422 interfaces (on RJ45 connector)
- Control using Teleorigin Manager desktop application or AT commands
- Local or remote configuration and update

OPTIONAL ACCESSORIES:

- External antenna
- Customized connection and power supply cables
- Power supply from 5 to 30V DC or directly from meter
- Dimensions: 100 × 70 × 27 mm)
- Embedded TCP/IP stack, OpenVPN, TSL/SSL, firewall, CSD support (in 2G mode)
- Internal backup battery (option)
- GNSS receiver (option)