

# RB900SG

UNIVERSAL MODEM FOR ENERGY APPLICATIONS

**TELEORIGIN**  
UNIQUE TECHNOLOGY FOR TELEMETRY

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

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 device can be controlled and configured using standard AT commands, Teleorigin Manager software or remotely

# KEY BENEFITS

  
FAST TIME TO-MARKET

  
BEST PRICING LEVEL

EASY WIRELESS APPLICATION 

  
EXTENDED POWER SUPPLY RANGE

LOW POWER CONSUMPTION 

  
**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

**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

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

**OPTIONAL ACCESSORIES:**

- External antenna
- Customized connection and power supply cables

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