

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