

## RB900SG-ElpOS

### Universal serial to GSM/LTE data gateway for industrial IoT applications

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**The RB900SG terminal** with ElpOS software based on OpenWrt® Linux is the powerful solution for wireless M2M applications. The ElpOS allows flexible software customization like industrial protocol convertering: MODBUS, transparent mode (data to server), MQTT gateway or any other special customer solutions.

**The RB900SG modem** is dedicated to work with Supervisory Control and Data Acquisition systems (SCADA) and remote management systems. Combined with industrial-grade Elproma Device Management System (EDMS) creates an end-to-end solution for global deployment management applications.

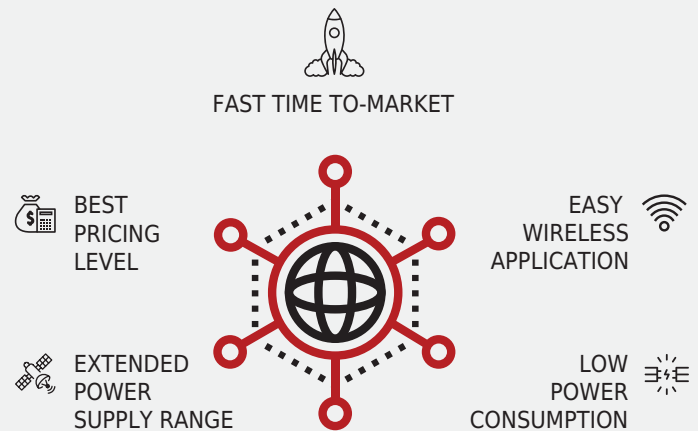
## The RB900SG-ElpOS modem

The device 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.

The ElpOS system allows flexible software customization like industrial protocol converting: MODBUS, transparent mode (data to server), MQTT gateway or any other special customer solutions.

The device can be controlled and configured using web platform based on OpenWrt®.

## KEY BENEFITS



## FEATURES

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

Network	Model	Speed (max.)	Interface			eSIM	Internal antenna	Battery backup
			RS232	RS485	RS422			
LTE	RB900SG-E5	LTE: 150Mbps HSDPA: 42Mbps	•	•	•	○	○	○

• support    ○ option    – not support

### SPECIFICATION:

- Serial to TCP/IP Gateway
- Ideal for connecting external devices through RS232/RS485/RS422 interfaces (on RJ45 connector)
- Control using web-based application
- Local or remote configuration and update
- Flexible integration with other ElpOS based Elproma products
- Embedded TCP/IP stack, OpenVPN, TSL/SSL

### OPTIONAL ACCESSORIES:

- External antenna
- Customized connection and power supply cables
- Power supply from 5 to 30V DC
- Dimensions: 100 × 70 × 27 mm)
- Internal backup battery (option)