LPRS eR-EVK

Evaluation kit for LPRS eRIC & eRA modules

- Compatible with any LPRS radio module
- On-board GPS (GNSS) for easy range testing
- Battery powered
- Reference design available

Introducing the eR-EVK Evaluation kit from LPRS.

The eR-EVK evaluation kits offers designers a simple, ready-to-use but flexible evaluation environment for LPRS's range of LPWAN / ISM low power radio modules.

Coupled with LPRS's easyRadio Software Companion, the kit allows customers to test new wireless applications, prove their concept and allow a quick progression to prototyping.
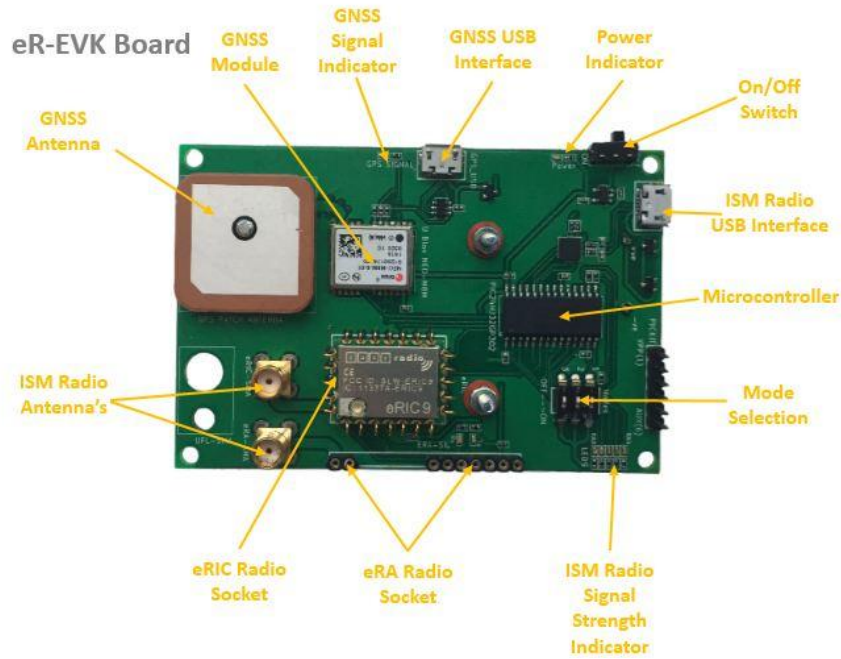
Incorporating GPS (GNSS) positioning technology, the eR-EVK allows designers to test the wireless range achievable with any of LPRS's range of wireless modules.

Out of the box there are several easy to configure default modes of operation which include:

- Wireless UART mode for peer-to-peer communication.
- GPS tracking mode
- Wireless range testing mode using GPS

Visit www.lprs.co.uk for more information

eR-EVK Board

Labels: GNSS Antenna, GNSS Module, GNSS Signal Indicator, GNSS USB Interface, Power Indicator, On/Off Switch, ISM Radio USB Interface, Microcontroller, Mode Selection, ISM Radio Antenna's, eRIC Radio Socket, eRA Radio Socket, ISM Radio Signal Strength Indicator

Category	Specification
Wireless Type	Any LPRS eRA or eRIC Radio module
Control	LPRS easyRadio Protocol
	LPRS software companion including mapping / positioning application
	6 ready to use modes of operation for simple testing
Positioning	uBlox NEO-M8M 72-channel M8 GNSS (GPS) engine
Positioning Antenna	On-Board GPS 1575.42MHz Passive antenna
Power	USB or 3 x AA Batteries

Contents

- 1 x eR-EVK GPS enabled board.
- 1 x eR-EVK PC board (non-GPS).
- 2 x Dipole antennas.
- 2 x USB cable.
- 3 x AA batteries.
- 2 x LPRS radio modules of your choice.

Ordering Information

Part Number	For	Type
eR-EVK-01	eRIC4/9/LoRa	Eval kit

Contact LPRS for more information:

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