



FEATURES

- Easily add wireless window/door sensors to existing security systems
- Easily add battery-free wireless light switches to building automation systems
- Integrated EnOcean radio receiver
- Battery-free wireless transmitter technology
- Energy harvesting transmitters are maintenance free
- 4 relay output channels
- Select push switch function response to either toggle or momentary
- Control each channel with up to 30 switches or sensors
- 48-Bit packets transmitted in 0.6ms
- Error checking on all packet transfers
- 868 MHz radio frequency
- Range Indoor: 50 – 150 feet
- 12-24VAC or VDC power
- Antenna: External 1/2 wave or internal wire



DESCRIPTION

The LVRX-4 is used to connect wireless switches and sensors to existing security and lighting control systems. The Low Voltage Relay Receiver provides 4 channels of relay output which mirror the status of EnOcean battery-free wireless transmitters. The relays can be linked either to magnetic proximity door or window sensors or to wall mounted or handheld push switches.

The LVRX-4 connects to EnOcean transmitters with a simple ID-learn-sequence that stores transmitter IDs in EEPROM so that the LVRX-4 knows which devices are connected to which relay output. Each output can be controlled by up to 30 transmitters. When used with the push switch transmitters, the relays can be configured to toggle with each button press-release sequence or to provide momentary relay closure while the button is held and release with the button.

EnOcean transmitters use energy harvesting technology to operate maintenance free for over 20 yrs. The technology does not use batteries or anything that would require replacing. The transmitters are powered using either captured mechanical piezo energy or stored solar energy.

TRANSMITTERS



Wall mounted switches



Hand held switch



Magnetic proximity sensor

SPECIFICATIONS

Power supply input	7 - 30VAC or 7-30VDC 200mA
Relay output	30VAC 1A or 0-30VDC 1A
Number output channels	4
Frequency	868 MHz
Indoor Range	50 – 150 feet
Dimensions (enclosure)	3.25 W X 2.5 H X 1.125 D inches
Weight	4 oz.
Radio Certifications	FCC, IC