

Wireless Value Range Extender

The Wireless Range Extender is the ideal solution if the distance between the sensor and base station is too great. The Range Extender is part of the wireless Value infrastructure for guaranteeing data transmission.

Multiple Range Extenders can be deployed per Base Station, where the routing can be configured per Range Extender.

Features

- Compatible with all Wireless Value base stations
- Compatible with all Wireless Value sensors
- Easy to integrate into existing Wireless Value networks
- When using multiple Range Extenders, the routing is configurable

Specifications

- Forms the Wireless Value platform together with the base station
- A maximum of 5 Range Extenders can be connected to a base station
- Available with solar panel for outdoor use

Configuration options

- Can be configured with SensorGraph
- Can be configured via cloud
- Routing options to base station configurable

Wireless Value Range Extender

Technical specifications

Design	Wireless Value Infrastructure
Type	Range Extender
Specifications	
Operating temperature	0°C to +60°C
Power	8 V – 30 V DC
Order code South America (Peru)	WSW-REX
Frequency plan	US902-928
Frequency	916,500 MHz
Regulations	RED, CE
Wireless range to sensors	1,000 meters (unobstructed line of sight, can be extended)
Wireless range to Base Station	2,000 meters (unobstructed line of sight)
Casing	IP22
Dimensions	130(L) x 180 (W) x 60 (H) mm
Interface	Wireless Value
Network size	100 sensors
Antenna	External
Configuration	WebSensys and/or SensorGraph
Routing to Base Station	Configurable line or star (in combination with multiple Range Extenders)