

# 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

<b>Design</b>	Wireless Value Infrastructure
<b>Type</b>	Range Extender
<b>Specifications</b>	
<b>Operating temperature</b>	0°C to +60°C
<b>Power</b>	8 V – 30 V DC
<b>Order code Thailand</b>	WSA52-REX
<b>Frequency plan</b>	A5923-925 (“A52”)
<b>Frequency</b>	924 MHz
<b>Regulations</b>	RED, CE
<b>Wireless range to sensors</b>	1,000 meters (unobstructed line of sight, can be extended)
<b>Wireless range to Base Station</b>	2,000 meters (unobstructed line of sight)
<b>Casing</b>	IP22
<b>Dimensions</b>	130(L) x 180 (W) x 60 (H) mm
<b>Interface</b>	Wireless Value
<b>Network size</b>	100 sensors
<b>Antenna</b>	External
<b>Configuration</b>	WebSensys and/or SensorGraph
<b>Routing to Base Station</b>	Configurable line or star (in combination with multiple Range Extenders)