

## BATTERY POWERED WIRELESS IOT SOLUTIONS MONITOR PREMISES AND ASSETS 24/7

### LRS20600 series LoRa OPEN/CLOSE SENSOR



#### Product Features

- LRS20600 LoRa Open/Close Sensor provides a simply efficient solution for monitoring door security, motion detection or logic ("0" and "1") changes.
- Detect Open/Close, report status change
- Up to 8 years battery lifetime
- Easy installation without any complex and pricey set up cost
- Support open API
- Application: Commercial Buildings, Hotel, Hospital, Factory

#### Performance Characteristics

Power	1 x 3.6V C Size Battery
Stand-by Current	<25uA @3.6V
Open/Close (Dry Contact) Interface	Logic input "0": Open Logic input "1": Close to GND
Data Upload Interval	Default every 10mins (configurable)
Alert Conditions	Yes, when change of status detected, message to server
Battery Life	Up to 8 years*

\* Conditions: upload data at every 10 mins

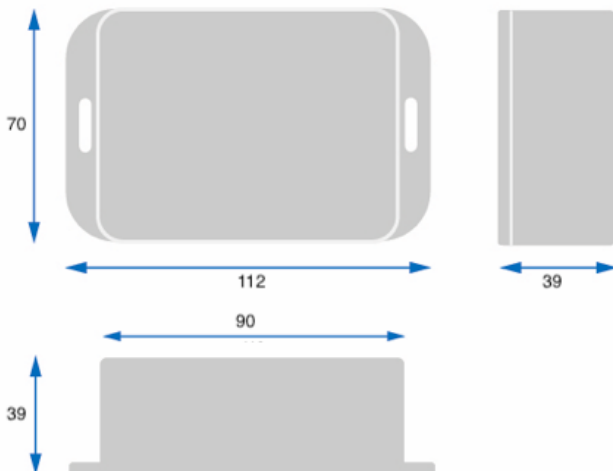
#### Wireless Characteristics

Wireless Connectivity	LoRaWAN: AS923
Transmit Power	Max. 14dBm
Sensitivity	Max. -140dBm
Data Transfer Rate	0.3kbps – 50kbps
Connect to Network	ABP / OTAA Class A
Antenna Type	Build-in Antenna (External Antenna – Optional)
Security	AES128

## Physical Characteristics

Dimension	L 112mm x W 70mm x H 39mm
Weight	116g
Operating Temperature	-20 to 70°C
Storage Temperature	-20 to 80°C
Storage Humidity Range	<95% RH
Ingress Protection	IP65
Warranty Period	1 Year

## Mechanical Dimension



## Ordering partnumber

SEN8 LoRa Dry Contact sensor	LRS20600-0000-000W
SEN8 LoRa Open/Close sensor (with a pair of door magnetic sensor)	LRS20600-DRMT-000W