

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

### LRS20200 LoRa TEMPERATURE SENSOR



#### Product Features

- LRS20200 LoRa Sensor provides a simple and cost effective solution for Temperature monitoring.
- Support PT100 temperature probe, range from -100°C to 300°C
- Up to 8 years battery lifetime
- Easy installation without any complex and pricey set up cost
- Application: Cold Room, Refrigerator, Medical laboratory, Hotel, Hospital, Factory

#### Performance Characteristics

Power	1x 3.6V C Size Battery
Stand-by Current	<25uA @3.6V
Temperature range PT100	-100°C to 300°C, depends on application and material of the probe
Data Upload Interval	Default 10 mins (configurable)
Alert Notification	Yes, message to server
Battery Life	Up to 8 years*

\* Conditions: data measurement and upload at every 10 mins

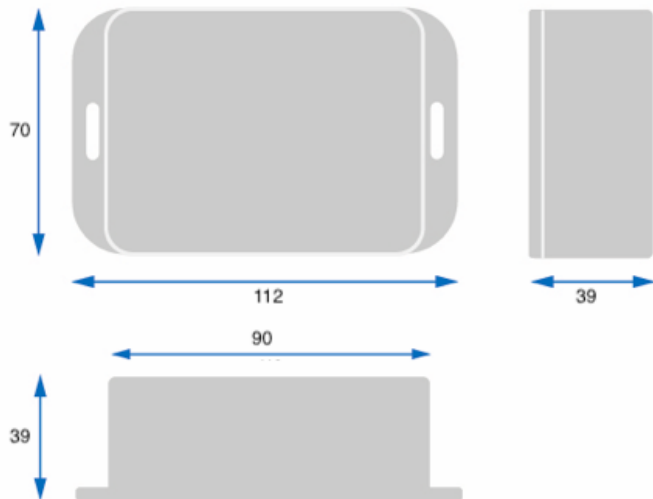
#### Wireless Characteristics

Wireless Connectivity	LoRaWAN: AS923
Transmit Power	Max. 14dBm
Sensitivity	Max. -130dBm
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	approx. 156g
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 Temperature Sensor -30 to 100°C	LRS20200-TP0A-000W
SEN8 LoRa Temperature Sensor -100 to 230°C	LRS20200-TP0B-000W