



2020 Catalogue

A b o u t U s

Sensemore was founded in 2018 as a high-tech electronics start-up in Istanbul Technical University (ITU) with the funds of Turkish National Research and Development Foundation and still active in ITU Technopolis. Sensemore developed the world's smallest wireless accelerometer with its expertise in micro-electronics and vibration.

In a short time, Sensemore collaborated with many leading companies in various sectors. In order to reach European Market, opened its Europe Sales Office in Poland.

By its successful predictions in Digital Transformation and Industry 4.0, Sensemore provides various solutions that can withstand harsh environmental conditions and with a wide integrations options. As Sensemore, we aim to respond industry's needs instantly, while keeping customer satisfaction as first priority.

Products



Products



FLEXIBLE DESIGN

With external sensor slot (02.5V) and Energy Harvesting Tools, it provides solutions for different needs and environments.

EASY DEPLOYMENT

Magnetized side strongly holds on to surface or M3 insert can be screwed to the place.

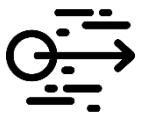
BLUETOOTH 5.1

Direct communication with mobile devices without any external equipment.

LARGE MEMORY

Its internal memory can store 1.3 million samples.

Features



Accelerometer

3 Axis.

Sampling Rate: 26kHz

Range: ± 16 g.

Sensitivity: 0.061 mg

Linearity: 0-6kHz ± 3 dB



Thermometer

Range: -40°C $+80^{\circ}\text{C}$.

Sensitivity: 0.5°C



Connection

Wireless BLE 5.1.

Speed: 2 Mbps

Feeding Voltage: 100mV- 5V

Optimized panel for Energy Harvesting.

2 months battery life.*



Mechanical

Outer Shell: Delrin 9xxx

Can work under water

High Resistance to impact

*Can change with the frequency of usage

Products

Anchor



PLUG & PLAY SOLUTION

Stick it to the point you want to measure and get periodical measurements.

LONG DISTANCE COMMUNICATION

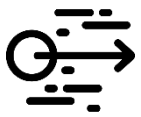
LoRa gives ability to transmit data over 1 km distances

2 YEAR BATTERY LIFE

It works for years with maintenance

* Can change under different environmental conditions.

Features



Accelerometer

3 Axis.

Sampling Rate: 26kHz

Range: ± 16 g.

Sensitivity: 0.061 mg

Linearity: 0-6kHz ± 3 dB



Thermometer

Range: -40°C $+80^{\circ}\text{C}$.

Sensitivity: 0.5°C



Connection

Wireless LoRa

2 year battery life*



Mechanical

Outer Shell: Delrin 9xxx

Can work under water

High Resistance to impact

*1 measurements per hour. Can change under different environmental conditions.

Products

 Wired



MULTI-POINT SYNCHRONOUS MEASUREMENT

Synchronize up to 10 Wired on a single RS485 line.

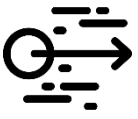
HIGH THERMAL RESISTANCE

Get accurate results up to 100 ° C.

WIDE SUPPLY RANGE

Can be supplied within 5V-36V range

Features



Accelerometer

3 Axis.

Sampling Rate:26kHz

Range: ± 16 g.

Sensitivity:0.061 mg

Linearity: 0-6kHz ± 3 dB



Thermometer

Range: -40°C $+100^{\circ}\text{C}$.

Sensitivity: 0.5°C



Connection

M5 4 Pin Circular Connector.

RS485 Interface.*



Mechanical

Outer Shell: Aluminum

Can work under water

High Resistance to impact

*Bağlantı şeması ve iletişim dökümanı için hello@sensemore.io'ya ulaşın.

Products



UNLIMITED SENSOR CAN BE CONNECTED

With its embedded software, it does not limit you for the number of sensors

INTEGRATED ENVIRONMENTAL SENSORS

It contains integrated humidity, temperature and pressure sensors

NO NEED FOR ASSEMBLY

It only requires your Wi-Fi network's name and password. It does all the remaining work, itself.

Products



PREDICTS FAILURES

Observe vital signs of your machines and prevent from failures.

PAY AS MUCH AS USE

Do not invest on initial cost, pay per point.

PLUGIN BASED ARCHITECTURE

Create your own tools or use existing ones to get deep information about machines' conditions.

LET US WATCH FOR YOU

Set alarms, we will send you e-mail when important events occur.

Products

MobileApp



EVERYTHING YOU NEED IS IN YOUR HAND

Sensemore Mobile App connects to Infinity directly via Bluetooth.

MEASURE, PROCESS, VISUALIZE EASILY

With embedded signal processing and graph tools, see results immediately.

REALTIME DATA STREAMING

Inspect your mechanical systems behaviour realtime even in spectrum.

STORE, NOTE, SHARE INSTANTLY

Store your measurements in cloud, take photographs as notes and share them via Google Drive, Whatsapp, Outlook and more.

www.sensemore.io
