EXCLUSIVE DISTRIBUTOR PHILIPPINES



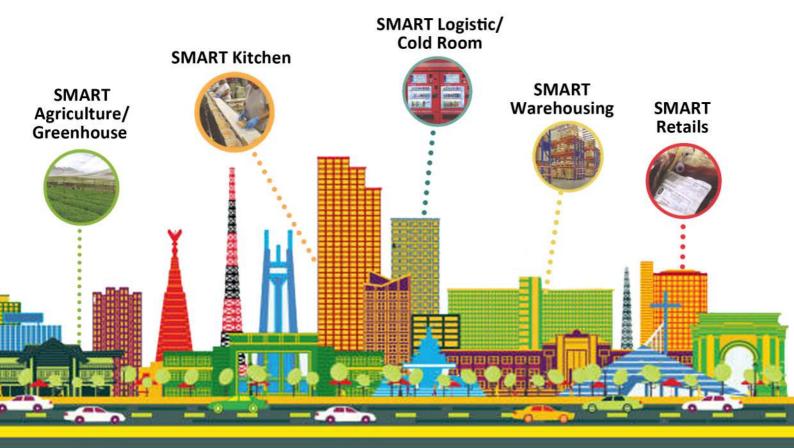
Building a SMART NATION



using Sigfox network coverage 3G/4G

SMART MONITORING SOLUTION (SMS)

- · Easy to set-up
- Affordable Solution
- Prevent falsification of data
- 24/7 Monitoring
- · Paperless recording with no errors
- Improve productivity and efficiency
- Seamless data extraction from server
- Low power consumption and rechangeable
- Data can be used for Data Analytics and more...



Internet of Things (IoT) Solutions

Sigfox is the world's leading provider of connectivity for the Internet of Things (IoT). Sigfox's unique approach to device-to-cloud communications addresses the three greatest barriers to global IoT adoption: cost, energy consumption, and global scalability. Our Smart Monitoring Solution combines a great sensor system with Sigfox network coverage. It allows its users to conduct environmental monitoring from the comfort of an office to the convenience of a smartphone. We believe that we can provide IoT solutions of low cost, easy to use and adaptability to any business sizes.



Device



IP 67

Protected against dust and low pressure water.



Plug and Play

Only requires plugging in sensor to start using.



Temperature & Humidity Monitoring

Monitor your environment with data samples every 10 minutes.

Runs on Sigfox Protocol

App



Push notifications

Get notified when a device requires attention.



Device groups

Easier device management.



Device data

See your devices' data on the go.

Portal



Alarm Settings

Allow users to set up alarm for device.



Reports

Get online reports of device groups and obtain device's data in csv format.



Historical Records

Get device historical data for maintenance and record tracking.



Multiple languages support English, Spanish, French, and Mandarin Chinese





Model: SITH-01

Housing

Overall dimensions (L x W x H) 68 x 86 x 36 mm

Enclosure and IP rating **IP 67** Mounting Wall

Working Range 20°C to 60°C

Power Supply

Capacity Lithium Battery 3.7V, 2200mAh

DC Source Input DC +5V

Temperature Sensor

- 40°C to 125°C Measuring Range

Resolution O.OI°C +/- 0.3°C Accuracy

Humidity Sensor

Range (% RH) 0 to 100% RH

Resolution 1% RH +/- 3% RH Accuracy

Radio Antenna

Fixed Antenna 0 dBi Dipole Antenna with SMA connector

Extendable Antenna 2 dBi Dipole Antenna with 1.5 M cable

Size 58.0 x 12.5 mm (Fixed) I 197.0 x 13.0 mm (Extendable)

Radio Frequency

Radio Protocol Sigfox

RCZ Radio Frequency Output Power

Sigfox RCZ4 920 MHz 22 dBm

Sensitivity -126 dBm (Max)

I/O Interface

LED 2 - RED

Micro USB (waterproof) Power Port Data Port Micro USB (waterproof)

Certifications











Complies with **IMDA Standards** DA 108175

Four Components of Temperature Monitoring

Data collection

- Sensors monitor temperature, humidity etc.
- Built-in communication device
- Easy-to-install and self-powered



Communications

- Sigfox connection (LPWA)
- Secure transmission of periodic data and alerts
- Geolocation of the device

Results & visualsation

- Data analyses
- Web reports
- Smartphone or tablet access

Data administration

- Connected device and data storage management
- Generation of alarms Based on defined rule sets

Value Proposition

- 1. 24 / 7 / 365 Accurate And Timely Monitoring.
- 2. Improved Productivity And Efficiency.
- 3. Affordable Solutions.
- 4. Ease Of Installation Plug & Play.
- 5. Full Portability.
- 6. Worldwide Access And Immediate Alarm Notification
- 7. Monthly Savings On Manpower Opportunity Costs P. 16,984* / Month.



ACEZ INSTRUMENTS PHILIPPINES CORPORATION

457-E Boni Avenue, New Zaniga, Mandaluyong City, Philippines 1550 **Tel:** (632) 470 8068 | (632) 470 8069 | (632) 470 8071 | (632) 470 8072 **Fax:** (632) 470 8043 | sales@acezphil.com