



TEMPHAWK SOLUTION

Temphawk Device



IP67

Protected against dust and low pressure water.



Plug and Play

Only requires plugging in sensor to start using.



Temperature and Humidity monitoring

Monitor your environment with data samples every 10 minutes.

Runs on Sigfox Protocol

Temphawk App



Push notifications

Get notified when a device requires attention.



Device groups

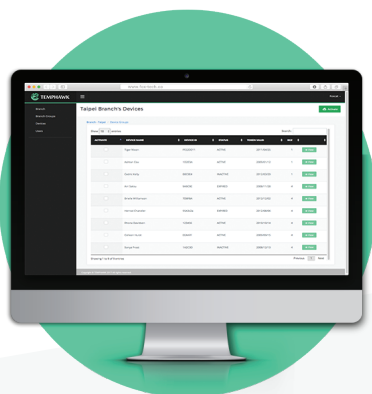
Easier device management



Device data

See your devices' data on the go.

Temphawk Portal



Alarm Settings

Allow users to set up alarm for device.



Reports

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



Historical Records

Get device historical data form maintenance and record tracking.



Multiple language support

English, Spanish, French, and Mandarin Chinese





TEMPHAWK

Utilize temperature to change the way we live
TEMPERATURE-HUMIDITY MONITORING

Housing

| | |
|--------------------------------|-----------------|
| Overall dimensions (l x w x h) | 68 x 86 x 36 mm |
| Enclosure and IP rating | IP67 |
| Mounting | Wall |
| Working Range | -20°C - 60°C |

Power supply

| | |
|-----------|-------------------------------|
| Capacity | Lithium Battery 3.7V, 2200mAh |
| DC Source | Input DC +5V |

Temperature Sensor

| | |
|---------------|---------------|
| Working Range | -40°C - 125°C |
| Resolution | 0.015°C |
| Accuracy | +/- 0.2°C |

Humidity Sensor

| | |
|------------|-----------|
| Range(%rH) | 0 / 100 |
| Resolution | 0.01 %RH |
| Accuracy | +/- 3 %RH |

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) 197.0 x 13.0 mm (Extendable) |

Radio Frequency

| | |
|----------------|--------|
| Radio protocol | Sigfox |
|----------------|--------|

| RCZ | Radio Frequency | Output Power |
|-----|-----------------|--------------|
|-----|-----------------|--------------|

| | | |
|--------------|----------------|--------|
| Sigfox RCZ 1 | 868 MHz | 14 dBm |
| Sigfox RCZ 2 | 902 MHz | 22 dBm |
| Sigfox RCZ 4 | 920 MHz | 22 dBm |
| Sensitivity | -126 dBm (Max) | |

I/O Interface

| | |
|------------|------------------------|
| LED | 2 - RED |
| Power port | Micro USB (waterproof) |
| Data port | Micro USB (waterproof) |

Certifications

