EPH-T20-SP

PHANTOM, the best wireless continuous monitoring system worldwide with **the best battery in the market**.

With the infrared temperature sensor you can collect data from your machines with an incredible precision.

The signal from the Phantom sensors is encrypted which ensures the reliability of the information and the security of your data.

QUICK GUIDE

Just place the infrared sensor between 1cm to 10 cm of the sensing area and you are ready.

The sensing diameter starts at 2cm and grows 2cm for every 1cm you go farther from the object.

Just take in mind the lenght of the surface to measure so you receive the correct information from your Phantom sensor.

TECHNICAL SPECIFICATIONS

MEASUREMENT

Part Number:
EPH-T20-SP

Sensor:
Infrared thermometer

Sensing Angle:
90°, for every 1cm you move away from an object, the sensing area grows by 2cm

Status:
Battery, temperature and RMS information

Data Receiving Interval:
5min / Not configurable

Internal Temperature Accuracy:
±5°C

Temperature Range (object):
-70°C to +380°C
-94°F to +716°F

Temperature Range (enviroment):
-40°C to +125°C
-40°F to +257°F

POWER SUPPLY

Battery Lifetime:
100,000 measurements
Standby Mode if Gateway not detected

Main Power Supply:
Lithium battery "1/6D" 3.6V and 1.7A

CONNECTIVITY AND SOFTWARE

Wireless Protocol:
Bluetooth BLE 5.0 / Modbus via Gateway

Signal Strenght Range:
-90dBm to -30dBm

Power Output Range:
-4dBm a +8dBm (Configurable)

Software Compatibility:
DigivibeMX version
Phantom / WiSER Vibe
Firware Updates via Phantom
Manager (iOS & Android)

Wireless Range:
100m line sight

Operating Frequency:
2.4GHz

DIMENSIONS

Dimensions:
48mm x 34mm

Weight:
177 gr

Base Temperature Range:
-40 to +80 °C
(-40 to +176 °F)

Material:
ABS / Stainless steel

Protection Rating:
Water and dust resistant (IP67)