

PHANTOM®

INFRARED TEMPERATURE SENSOR

CERTIFICATIONS





PHANTOM, the best wireless condition monitoring system worldwide. 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.

MEASUREMENT

Product code	EPH-T20
Sensor	Infrared thermometer
Status	Battery and internal temperature
Data receiving interval	5min / Not configurable
Temperature range (<i>object</i>)	-70°C to +380°C (-94°F to +716°F)
Temperature range (<i>enviroment</i>)	-40°C to +125°C (-40°F to +257°F)

POWER SUPPLY

Battery lifetime	12,000 measurements
Main power supply	2xAA Batteries / 1.5 A 5-24 VDC / 1A (<i>External power supply</i>)

CONNECTIVITY AND SOFTWARE

Wireless protocol	Bluetooth BLE 5.0
Operating frequency	2.4 GHz
Transmission power	±8 dBm
Signal strength range	-90 dBm to -30 dBm
Power output range	-4 dBm to +8 dBm (<i>configurable</i>)
Devices compatibility	iOS and Android devices (<i>WISER VIBE & PHANTOM™ Manager</i>) and PHANTOM™ Gateway
Software compatibility	DigivibeMX 11 M30 & PHANTOM™ Version / PHANTOM™ Manager and WiSER VIBE
Operating distance	100m Line of sight*
Contains FCC ID	X8WBT840

DIMENSIONS AND FIXTURE

Dimensions (<i>h x w</i>)	125 mm x 100 mm x 37 mm
Protection grade	IP67
Weight	500 grams
Housing material	ABS, stainless steel

ENVIRONMENTAL CONDITIONS

Operating temperature	-40 °C to 80 °C (40 °F to 176 °F)
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