

ERBESSD INSTRUMENTS®

PHANTOM

Thermographic Camera

PHANTOM, the best wireless condition monitoring system worldwide.



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



With the Thermographic Camera you can accurately measure the temperature of surfaces within 1 meter distance.



ERBESSD INSTRUMENTS®

PHANTOM | THERMOGRAPHIC CAMERA

TECHNICAL SPECIFICATIONS

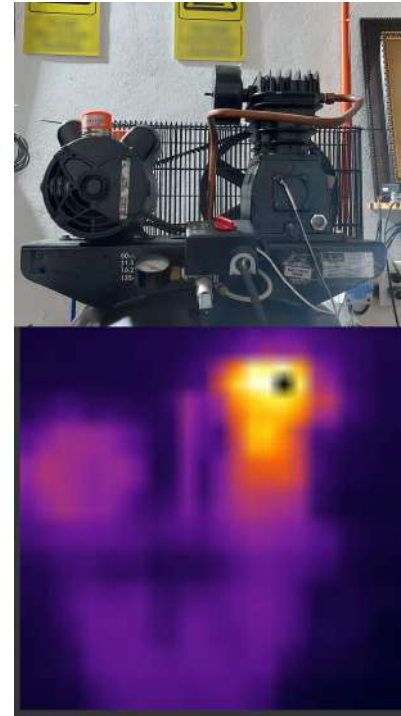
MEASUREMENT	
Product code	EPH-T70
IR resolution	32 x 24 pixels
Max distance to object	up to 1 m
Frames to capture	1 to 16 frames
Field of view	110° x 75°
Capture rate	0.25 to 4 fps
Target temperature	-40°C to +300°C (-40°F to +572°F)
Accuracy	±1 °C (±33.8°F)
Data receiving interval	Min: 5 min - Max: 1440 min
POWER SUPPLY	
Battery lifetime	12,000 measurements
Main power supply	2xAAA Batteries / 1.5 A
CONNECTIVITY AND SOFTWARE	
Wireless protocol	Bluetooth BLE 5.0
Operating frequency	2.4 GHz
Transmission power	±8 dBm
Signal strenght range	-90 dBm to -30 dBm
Power output range	-4 dBm to +8 dBm (Configurable)
Devices compatibility	iOS and Android devices (WISER VIBE PRO & Phantom™ Manager) and Phantom™ Gateway
Software compatibility	DigivibeMX 11 M30 & Phantom™ Version / Phantom™ Manager and WiSER VIBE PRO
Operating distance	100 m Line sight*
Contains FCC ID	X8WBT840
DIMENSIONS AND FIXTURE	
Dimensions (h x w)	100 mm x 77 mm x 26 mm
Protection grade	Water and dust resistant (IP5X)
Weight	140 grams
Housing material	Nylamid /Aluminium
ENVIRONMENTAL CONDITIONS	
Operating temperature	-40 to 75 °C (40 to 167 °F)

ACCESSORIES

The Phantom thermographic camera has everything you need to start collecting data without the need of additional accessories.

Add it to your measurement point through DigivibeMX and you will be ready to monitor your machines.

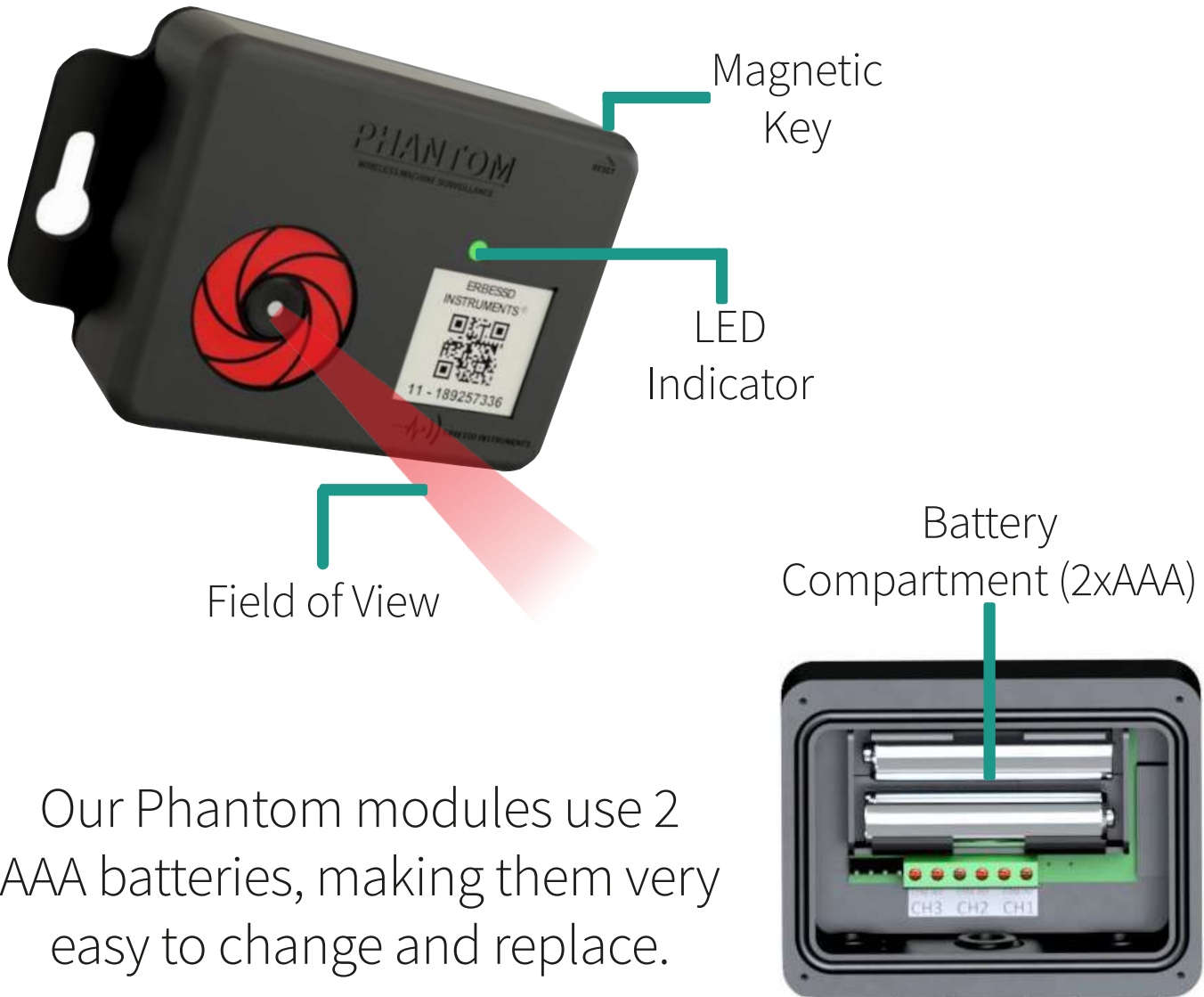
Follow the steps on the Phantom Wizard and take a look at your measurements in the Extra Parameters.



CERTIFICATIONS

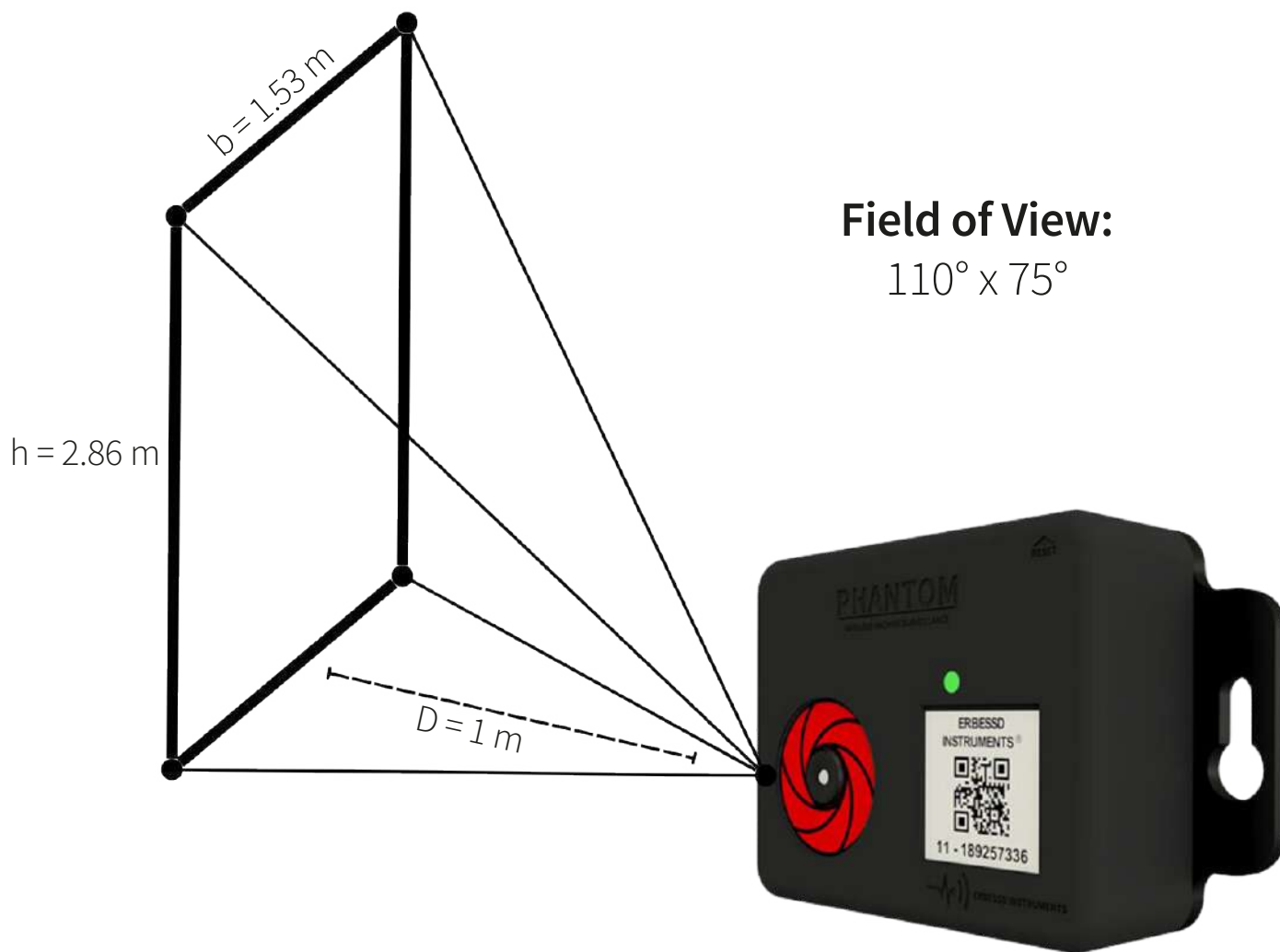


QUICK GUIDE



Our Phantom modules use 2 AAA batteries, making them very easy to change and replace.

FIELD OF VIEW



Analyze and visualize the health of your machines with

DigivibeMX®



Easily access your data worldwide with EI Analytic and WiSER VIBE PRO.

You can access special configurations and update your Phantom sensors with **Phantom Manager**.



MEET THE PHANTOM FAMILY

Phantom Expert Gen 3 & ATEX

Our popular triaxial vibration sensor. It is able to send 3 simultaneous FFT and time waveform recordings. Available in **High Sensitivity**, **High Range** and **ATEX**.



Phantom Thermocouple & Phantom Infrared

Have a better control of your machines' temperature. You can connect up to 3 thermocouple sensors or acquire the **infrared** temperature sensor so you can monitor with extreme precision.



Phantom Current

The Phantom current module allows you to measure up to 4 amperage channels with clamps that start with 50 amp and go to 500 amp.



Phantom GP

General Purpose modules that are compatible with any kind of sensor to obtain wireless data. Available for **4-20mA**, **0-10V**, **Digital Signals** and **2.2Vpp** sensors.



Phantom All in One

Obtain the reliability of three sensors in only one Phantom module; vibration, temperature and current. Complete condition monitoring all in one.



Phantom RPM

With the RPM sensor you can easily analyze the revolutions per minute of any rotor, turbine or vent with incredible precision with a switching speed of 600kRPM.



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