

ERBESSD INSTRUMENTS®

Phantom  
**Gateway 2.0**

The Phantom Condition Monitoring System  
has evolved.

Evolve your reliability with

# Phantom Gateway 2.0

Take full control of your system  
directly from the Gateway 2.0

The most powerful link  
between your Phantom  
sensors and DigivibeMX.



## NEW FEATURES

Your feedback matters, and that feedback drives our **product innovation**. Find all the same characteristics as the previous gateway but with **new & exciting features**.

- Embedded storage of up to **100,000 waveforms**.
- New compatible communications **protocols including OPC-UA, MQTT** and the well known **Modbus TCP/IP**.
- Simultaneous data collection from sensors.
- OTA Gateway & Sensor Firmware and Configuration Updates from local Gateway UI, or from anywhere in the world using EI Analytic.
- **On demand** collection from the Gateway user interface.



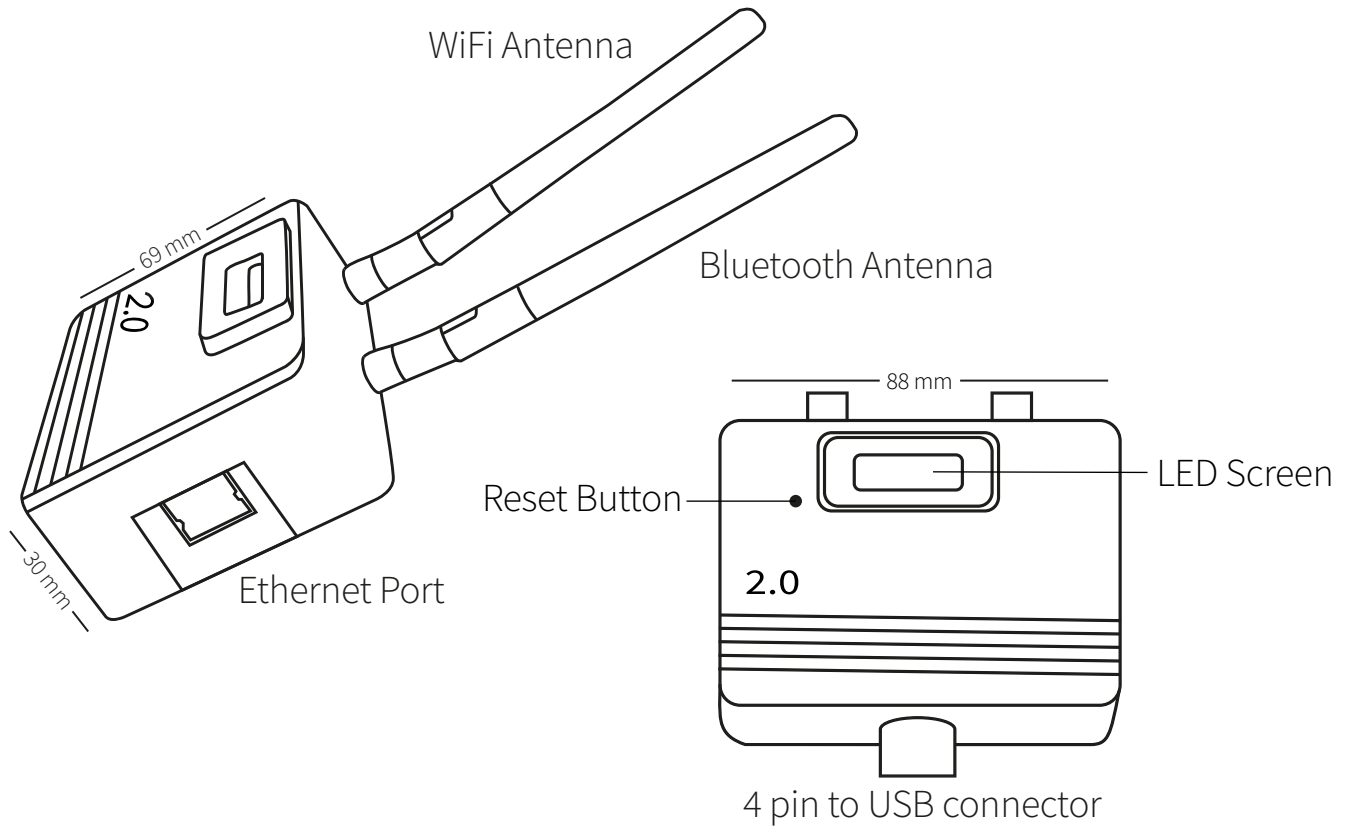
## TECHNICAL SPECIFICATIONS



<b>INFORMATION</b>	
Product code	EPH-GW2
Storage	100,000 recordings / embedded storage
Nodes supported	Up to 100 Nodes
<b>CONNECTIVITY AND SOFTWARE</b>	
WiFi protocol	2.4GHz/5GHz wifi
Bluetooth protocol	Bluetooth Low Energy 5.0
Operation frequency	2.4 Ghz
Network port	100M/10M Ethernet RJ45
Antenna gain	2.4 GHz Antenna 3dBi
Antenna connector	Two RP-SMA Male Connections
Compatible protocols	Modbus TCP / IP, OPC and MQTT
Wireless range	100 m Line of Sight*
Compatibility	DigivibeMX 11 Phantom & M30 Versions, EI-Monitoring, EI Analytic Firmware Updates via Gateway.
Contains FCC ID	X8WBT840
<b>POWER SUPPLY</b>	
Input voltage	5 VDC or 9-24 V
Minimum current required	2 A
<b>DIMENSIONS AND FIXTURE</b>	
Dimensions	88x69x30 mm (without antennas)
Weight	170 gr
Housing Material	ABS / Ballistic Nylon
Fixture	Standard DIN Rail (35 mm, 42 mm wide)
<b>ENVIRONMENTAL CONDITIONS</b>	
Operating temperature	-7 to 60 °C (20 to 140 °F)
Protection grade	IP54

\*Ideal enviroment. No competing signals or obstructions.

## PARTS & DIMENSIONS



## POWER SUPPLY

5VDC (4 Pin Connector)

or

9-24 V



# MEET THE PHANTOM WIRELESS ECO-SYSTEM

## 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 RPM

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



## 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 hard wired sensor to obtain wireless data. Available for **4-20mA**, **0-10V**, **Digital Signals** and **2.2Vpp** sensors.



## Phantom Thermographic Camera

With the Phantom thermal camera you can take infrared images of surfaces or objects at a distance of no more than 1m. Use DigivibeMX to create trends and alarms.



Analyze and visualize the data of machines with

# DigivibeMX®



Access to your information in an easy way through your browser or DigivibeMX.

Phantom sensors are compatible with communication protocols:



(using Gateway 2.0)

## CERTIFICATIONS



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