

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.



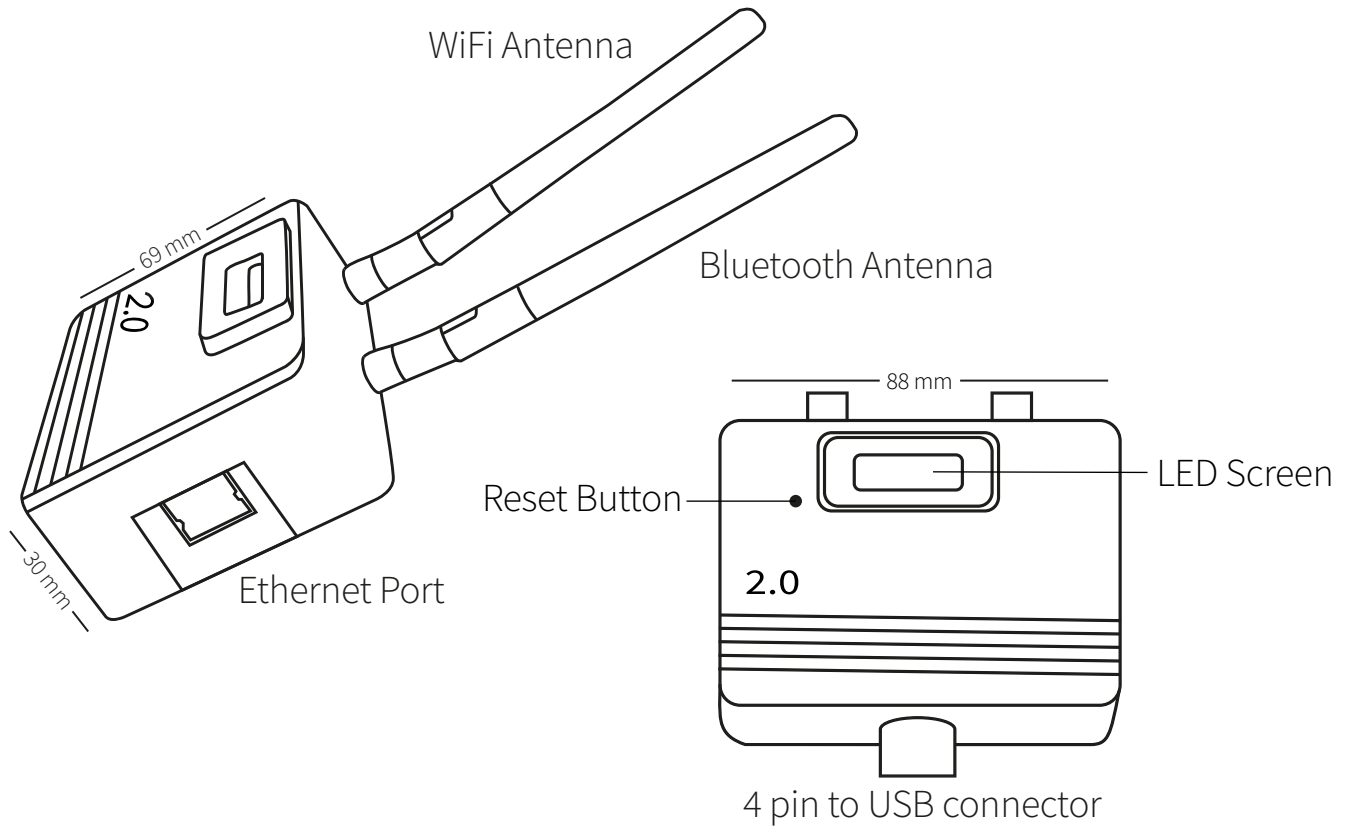
TECHNICAL SPECIFICATIONS



INFORMATION	
Product code	EPH-GWG2
Storage	100,000 recordings / embedded storage
Nodes supported	Up to 100 Nodes
CONNECTIVITY AND SOFTWARE	
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
POWER SUPPLY	
Input voltage	5 VDC or 9-24 V
Minimum current required	2 A
DIMENSIONS AND FIXTURE	
Dimensions	88x69x30 mm (without antennas)
Weight	170 gr
Housing Material	ABS / Ballistic Nylon
Fixture	Standard DIN Rail (35 mm, 42 mm wide)
ENVIRONMENTAL CONDITIONS	
Operating temperature	-7 to 60 °C (20 to 140 °F)
Protection grade	IP54

*Ideal environment. 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 Termocouple & 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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