

ERBESSD INSTRUMENTS®

Phantom
USB Gateway

The background features a dark purple gradient with intricate, white, curved lines that create a sense of motion and depth, resembling a stylized network or data flow.

The Phantom Condition Monitoring System
has evolved.

Evolve your reliability with

Phantom

USB Gateway

Take full control of your
system directly from the USB
Gateway

The most powerful direct link
between your

Phantom sensors and

DigivibeMX on your Microsoft
Windows® PC simplifying IT
related barriers.



NEW FEATURES

Your **feedback matters**, and that feedback drives our **product innovation**.

Find all the same characteristics as the standard gateway but with **new & exciting features**.



- Full 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.

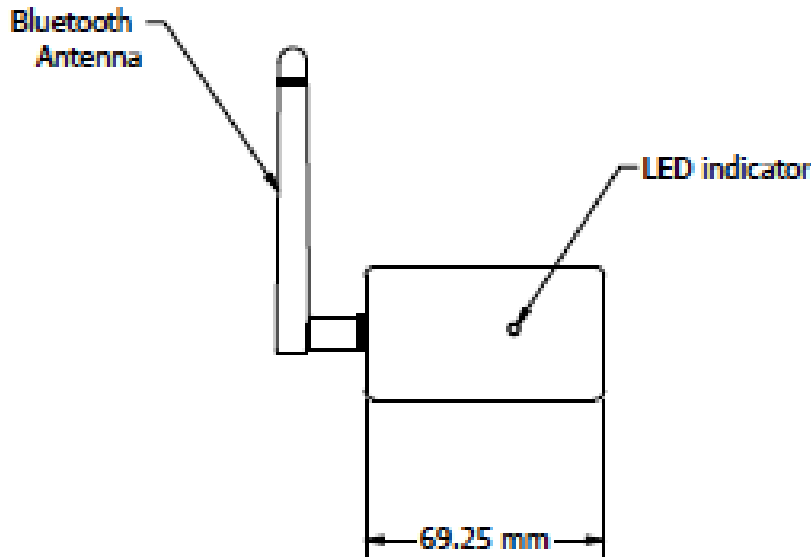
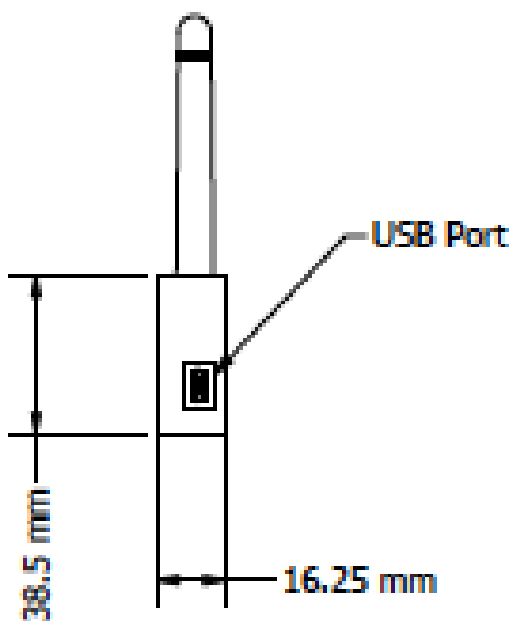
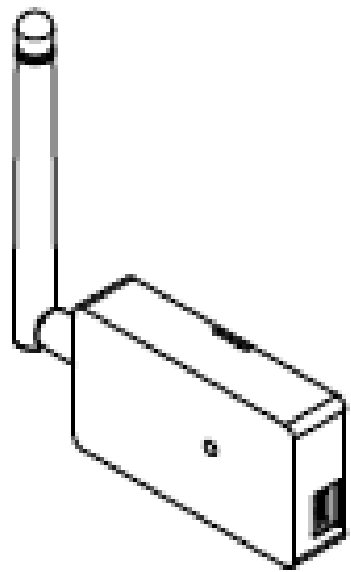
TECHNICAL SPECIFICATIONS



INFORMATION	
Product code	EPH-USB-GW
Storage	Unlimited Storage Based on Micorsoft Windows® PC SSD/HDD Capacity
Nodes supported	Up to 250 Nodes
CONNECTIVITY AND SOFTWARE	
WiFi protocol	2.4GHz/5GHz WiFi
Bluetooth protocol	Bluetooth Low Energy 5.0
Operation frequency	2.4 gHZ
Network port	WiFi 802.11
Antenna gain	3dBi Antenna
Antenna connector	RP-SMA Male Connections
USB Connector	USB-C or USB-A connector
Compatible protocols	Modbus TCP, OPC UA, MQTT, and HTTP Websocket
Wireless range	100 m Line of Sight*
Compatibility	DigivibeMX 11 & EI Analytic
POWER SUPPLY	
Input voltage	5 VDC 1A Max (through USB)
Minimum current required	2 A
DIMENSIONS AND FIXTURE	
Dimensions	2.72 x 1.52 x 0.65 in (without antenna)
Weight	50 gr (with antenna)
Housing Material	ABS / Ballistic Nylon
ENVIRONMENTAL CONDITIONS	
Operating temperature	-7 to 60 °C (20 to 140 °F)
Protection grade	IP54

*Ideal enviroment. No competing signals or obstructions.

PARTS & DIMENSIONS



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 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 amps and goes up to 500 amps.



Phantom

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 USB Gateway)

ERBESSD INSTRUMENTS®

WORLDWIDE toll-free:

+1-877-223-4606

ENGLISH:

Sales, Service & Support Engineer

+1-518-874-2700

info@erbessdreliability.com

SPANISH & FRENCH:

Sales, Service & Support Engineer

+52 (55) 6280-7654

info@erbessd-instruments.com

BUY ONLINE

www.erbessd-instruments.com

ALL THE IMAGES ARE FOR ILLUSTRATIVE PURPOSES ONLY. THE FINAL PRODUCT MAY VARY DEPENDING ON THE VERSION AND/OR THE CHANGES OR UPGRADES MADE TO THE PARTS AND COMPONENTS OF THE DEVICES

© 2018 ERBESSD INSTRUMENTS

P3-DS2022.1014.01