

PHANTOM

Gateway

The link between your **Phantom** sensors and **DigivibeMX**.

Phantom Gateway allows you to connect up to 100 sensors within 100m line sight.



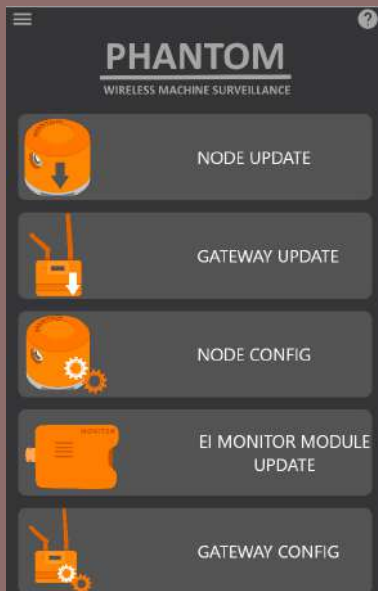
You can use the Gateway as a **repeater** to have more reach between your sensors.

ACCESSORIES

The **Phantom Gateway** has everything you need to start using your Phantom System.

Just install on your PC the *free* Erbesd software '**EI Monitoring Service**' and you are ready to go!

Place your sensors and start monitoring your machines.
Gateway is compatible with communication protocol



New firmware update!

With **Phantom Gateway** you can now send all your information directly to



Update your device with Phantom Manager and activate the feature with Gateway Config.

QUICK GUIDE



The Gateway has two antennas:
Bluetooth antenna receives data
from the sensors.

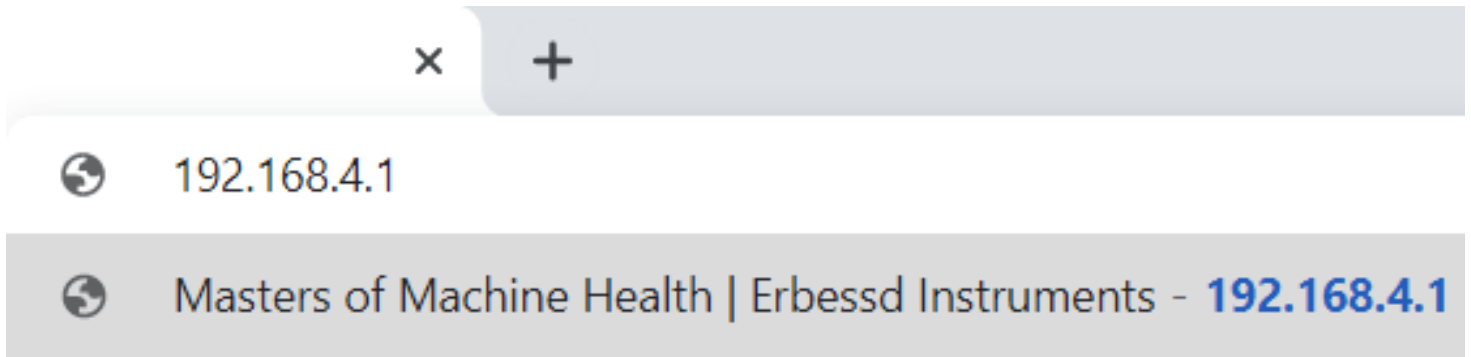
Wi-Fi antenna transmits information
to the database.

Set it up on your company network
with only 5 steps*:
(*Wi-Fi configuration*)

1- Select Phantom Network (Password: 88888888).

A screenshot of a Wi-Fi selection interface. At the top, there is a Wi-Fi icon, the network name "PHANTOM489245582", and the word "Segura". Below this is the prompt "Escribir la clave de seguridad de red". A text input field contains the password "88888888", and to its right is a blue button with a white eye icon. At the bottom, there are two buttons: "Siguiente" (Next) and "Cancelar" (Cancel).

2- Type 198.168.4.1 in your browser.



3- Scan your company Wi-Fi Network.

4- Type the password.

A screenshot of the Erbesd Instruments web interface. At the top, the logo 'ERBESSD INSTRUMENTS' is displayed in orange and white, with a tagline 'BALANCING - VIBRATION - ONLINE MONITORING - LASER ALIGNMENT - MASTERS OF MACHINE HEALTH' below it. The main form has a dark background. It contains two input fields: 'SSID:' with a dropdown menu showing 'IZZI-E52F' and a 'Scan' button to its right; and 'Password:' with a text input field containing masked characters (dots).

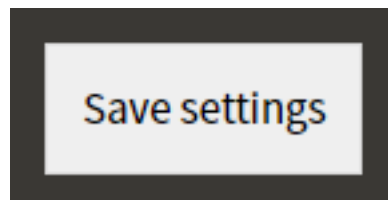
ERBESSD INSTRUMENTS®

BALANCING - VIBRATION - ONLINE MONITORING - LASER ALIGNMENT - MASTERS OF MACHINE HEALTH

SSID: IZZI-E52F ▼ Scan

Password:

5- Save settings.



SET UP

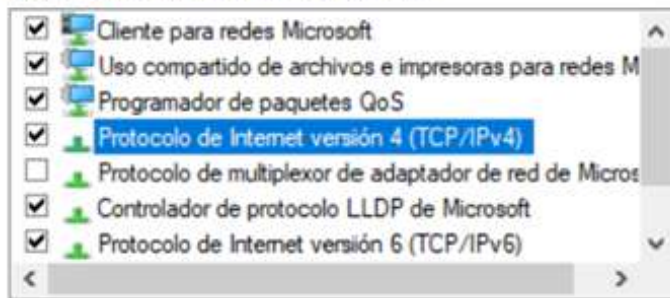
(static IP configuration)

1- Access to your 'Control Panel' in your PC and proceed to click "View network status and tasks".

2- Now "Network and Sharing Center" window is opened, click "Change adapter settings". This will open the "Network connections", double click on Ethernet.

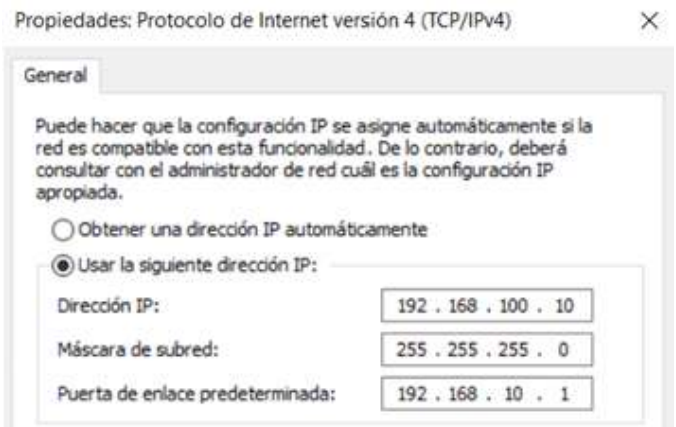


Esta conexión usa los siguientes elementos:



3- In the Ethernet Properties window, select "Internet Protocol version 4 (TCP/IPv4)"

4- In the next window. Select "Use following IP address" and type the desired IP address in the box. The Subnet Mask will be generated automatically. Type the desired Default Gateway. Click "Ok".



5- Select the Gateway device as a Wi-Fi network connection. The password of the Gateway network is “88888888”.

6- Open a browser window and access to 192.168.4.1. Select “Static IP configuration”.

Type the IP address you typed in the “Internet Protocol version 4 (TCP/IPv4)” but with a variant in the last numbers.



The screenshot shows a web browser window with the address bar displaying "192.168.4.1" and a warning "No es seguro". The page header for "ERBESSD INSTRUMENTS" includes the tagline "BALANCING - VIBRATION - ONLINE MONITORING - LASER ALIGNMENT - MASTERS OF MACHINE HEALTH". The configuration form contains the following fields and options:

- SSID: [text input] [Scan button]
- Password: [text input]
- ☒ Static IP configuration
- IP address: [text input with value 192.168.100.20]

7- Type the same Subnet mask and Default Gateway and select “Static Monitor”.

In the Monitor IP address type the correct IP address of the “Internet Protocol version 4 (TCP/IPv4)” window.

Click “Save Settings”



The screenshot shows the configuration form with the following fields and options:

- Subnet mask: [text input with value 255.255.255.0]
- Default gateway: [text input with value 192.168.10.1]
- ☒ Static Monitor
- Monitor IP address: [text input with value 192.168.100.10]
- ☐ Works as repeater
- ☐ Disable WiFi
- [Save settings button]

8- Start **EI Monitoring Service** on your PC or connect your **Cloud Connector** to your router and wait for the Monitor IP to show on the Gateway Screen.



TECHNICAL SPECIFICATIONS

CONNECTIVITY AND SOFTWARE

Part Number:
EPH-GW

Antenna Connector:
RP-SMA Male

Antenna Gain:
2.4 GHz Antenna 2dBi

WiFi Protocol:
Wi-Fi 802.11

Software Compatibility:
DigivibeMX Phantom
version, EI-Monitor and
EI-Analytic.
Firmware updates via
Phantom Manager app

Wireless Range:
100 line sight

Bluetooth Protocol:
Bluetooth Low Energy Type 5

Nodes supported:
up to 100 nodes

Communication Protocol:
Modbus TCP / DHCP / UDP

POWER SUPPLY

Main Power:
5 VDC - 2A

Connector:
4 pin connector cable to USB 2.0

DIMENSIONS AND FIXTURE

Dimensions:
88 x 69 x 30 mm (without antennas)

Fixture:
Standard DIN rail (35 x 42 mm wide)

Weight:
165 gr

Enclosure Material:
ABS / Nylamid

ENVIROMENTAL CONDITIONS

**Temperature Base
Range:**
-40 to +80 °C
(-40 to +176 °F)