

ERBESSD INSTRUMENTS®

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



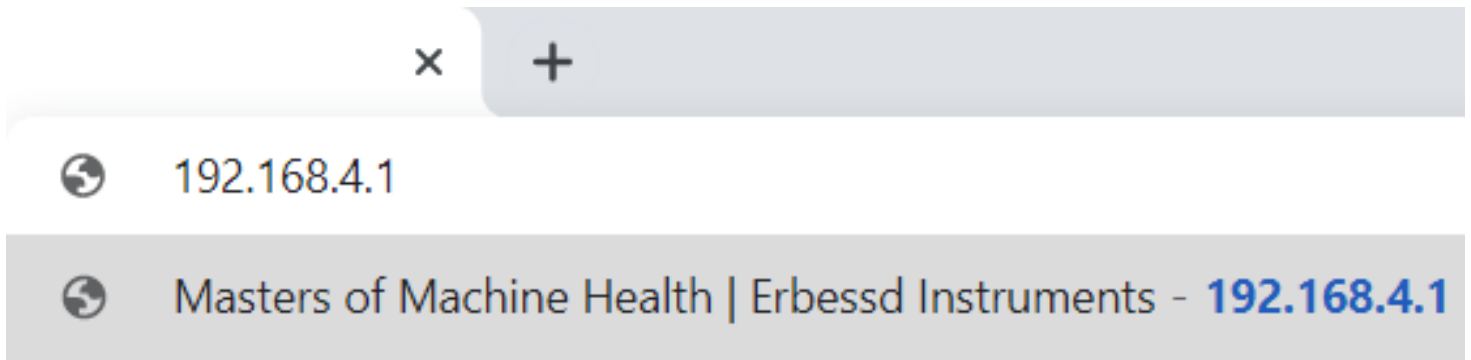
The Gateway has two antennas:
Bluetooth antenna receives data from the sensors.
Wi-Fi antenna transmits information to the database.

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

1- Select Phantom Network (Password: 88888888).

A screenshot of a mobile device's Wi-Fi settings screen. At the top, there is a Wi-Fi icon and the network name 'PHANTOM489245582' with the label 'Segura' below it. Below this, there is a prompt 'Escribir la clave de seguridad de red' and a text input field containing '88888888'. To the right of the input field is a blue button with a Wi-Fi icon. At the bottom, there are two buttons: 'Siguiente' and 'Cancelar'.

2- Type 198.168.4.1 in your browser.

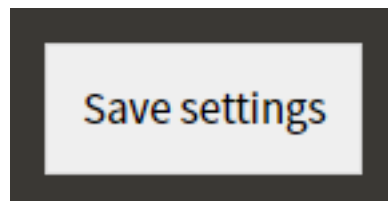


3- Scan your company Wi-Fi Network.

4- Type the password.

A screenshot of the Erbesd Instruments web interface. The header features the Erbesd Instruments logo (a stylized pulse line) and the text 'ERBESSD INSTRUMENTS®'. Below the header, it lists services: 'BALANCING - VIBRATION - ONLINE MONITORING - LASER ALIGNMENT - MASTERS OF MACHINE HEALTH'. The main form area has two sections: 'SSID:' with a dropdown menu showing 'IZZI-E52F' and a 'Scan' button; and 'Password:' with a text input field containing several dots, indicating a masked password.

5- Save settings.



SET UP

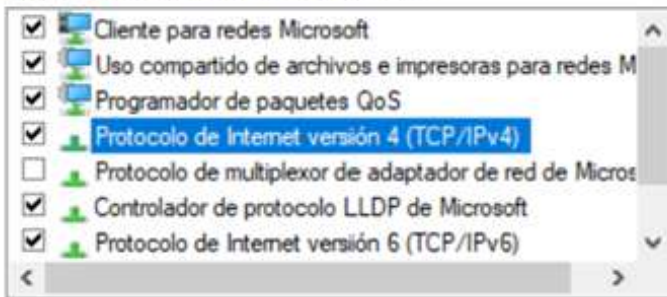
(static IP configuration)

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.

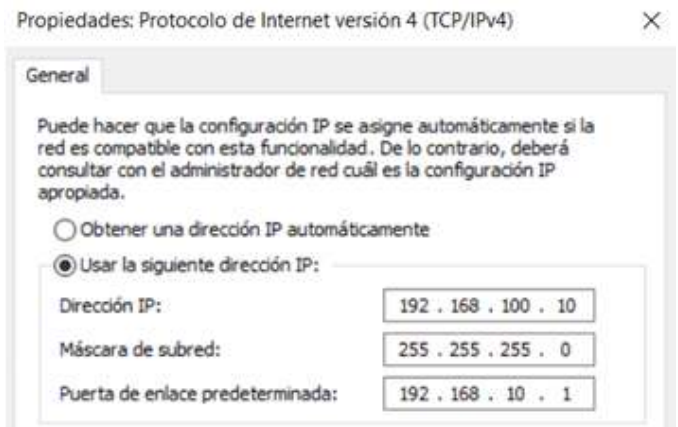


Esta conexión usa los siguientes elementos:



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.

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”

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

Power Output:

+8dBm

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)

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