

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).

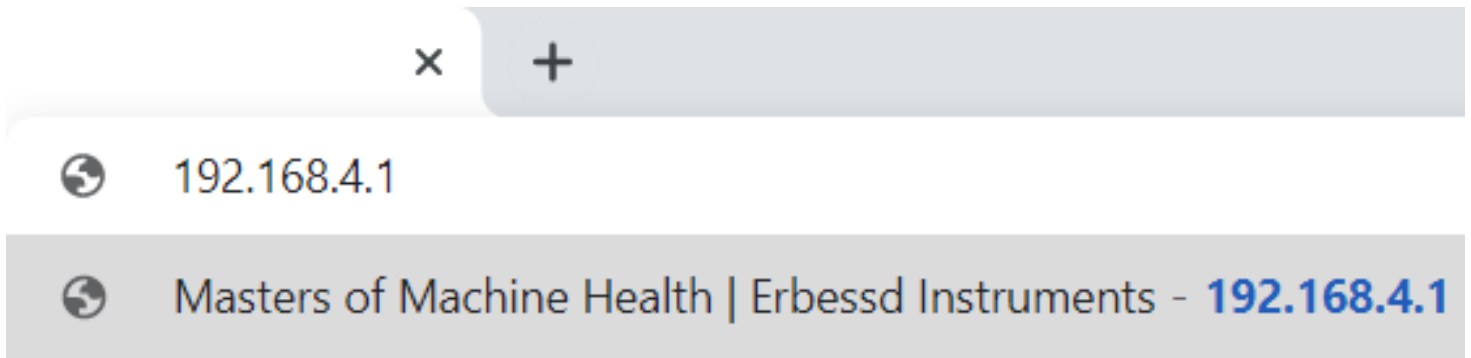
PHANTOM489245582  
Segura

Escribir la clave de seguridad de red

88888888

Siguiete Cancelar

2- Type 198.168.4.1 in your browser.

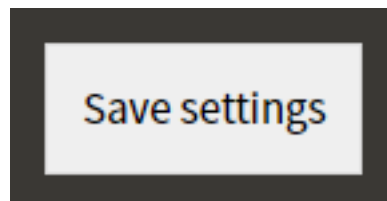


3- Scan your company Wi-Fi Network.

4- Type the password.

A screenshot of the Erbesd Instruments web interface. The header features the Erbesd Instruments logo and the text "ERBESSD INSTRUMENTS®" and "BALANCING - VIBRATION - ONLINE MONITORING - LASER ALIGNMENT - MASTERS OF MACHINE HEALTH". Below the header, there are two input fields: "SSID:" with a dropdown menu showing "IZZI-E52F" and a "Scan" button, and "Password:" with a text input field containing several dots.

5- Save settings.

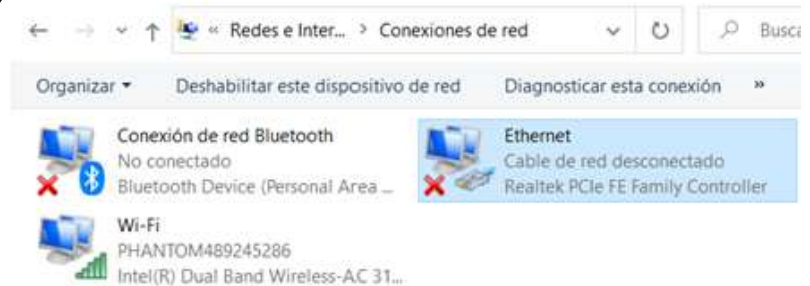


# SET UP

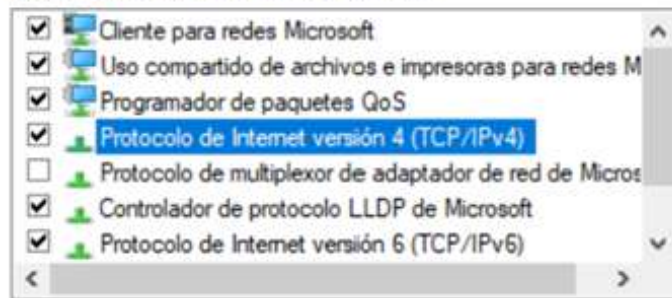
(static IP configuration)

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.

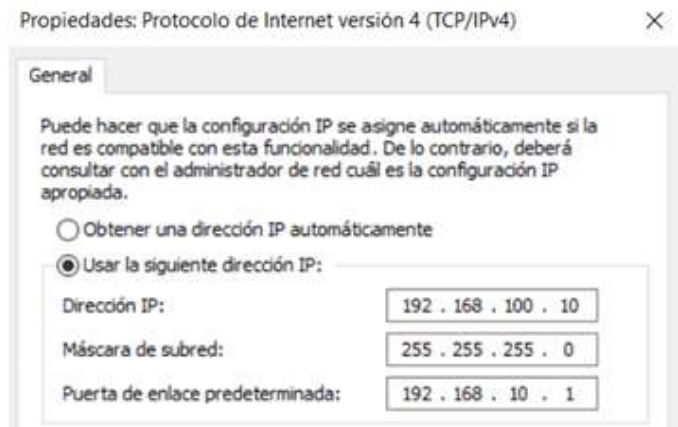


Esta conexión usa los siguientes elementos:



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”.



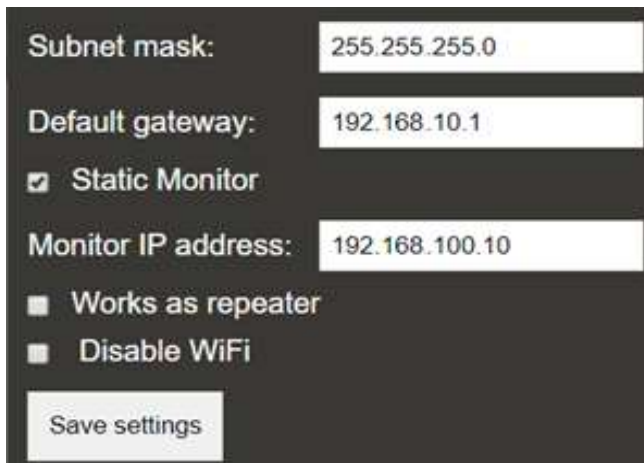
6- Open a browser window and access to 192.168.4.1. Select “Static IP configuration”.

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

## 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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