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.

QUICK GUIDE

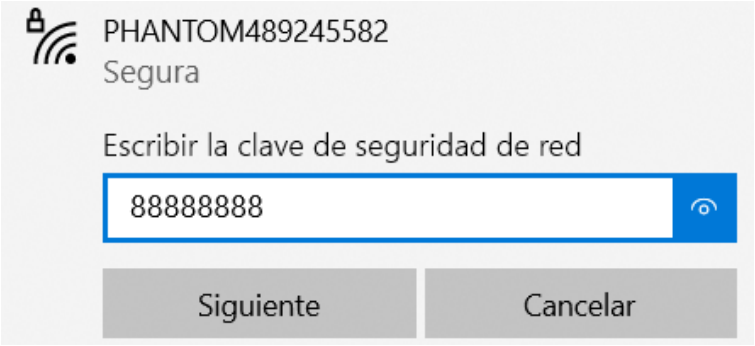


The Gateway has two antennas:
Bluetooth antenna receives data from the sensors.
Wi-Fi antenna transmits information to the database.

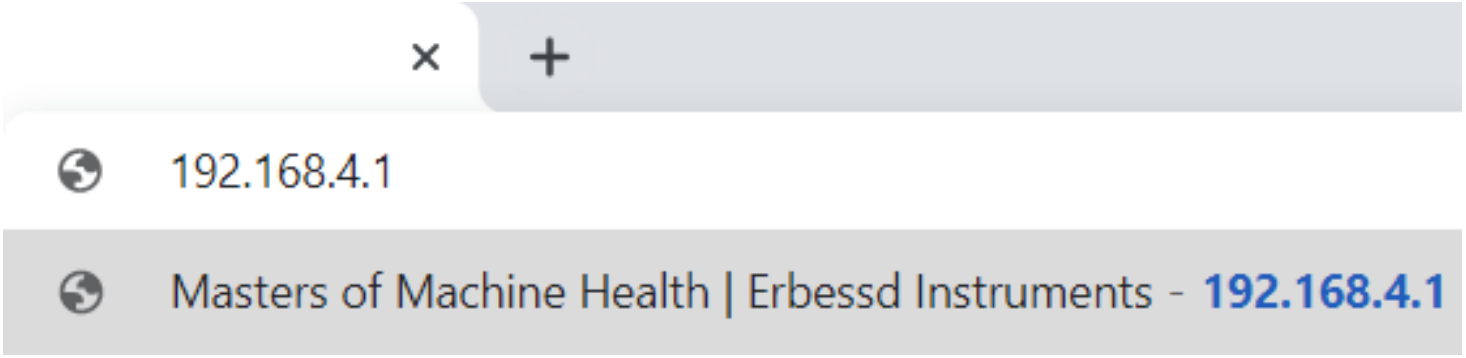
Set it up on your company network with only 5 steps*:

(Wi-Fi configuration)

1- Select Phantom Network (Password: 88888888).



2- Type 198.168.4.1 in your browser.

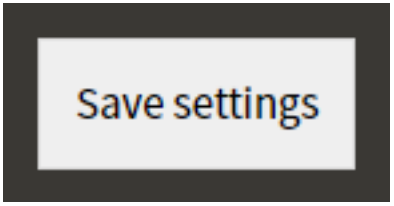


3- Scan your company Wi-Fi Network.

4- Type the password.



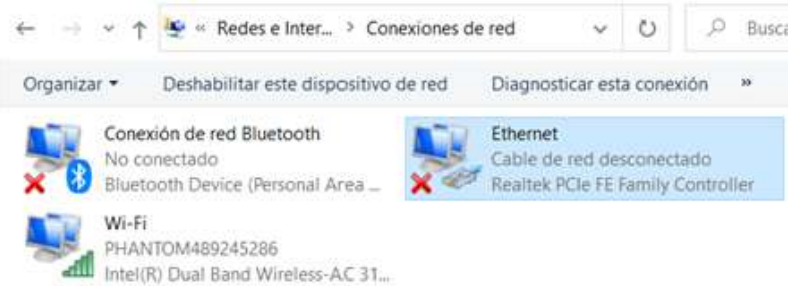
5- Save settings.

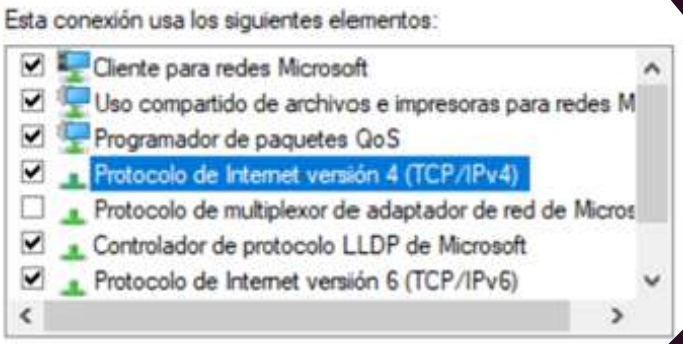


SET UP
(static IP configuration)

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

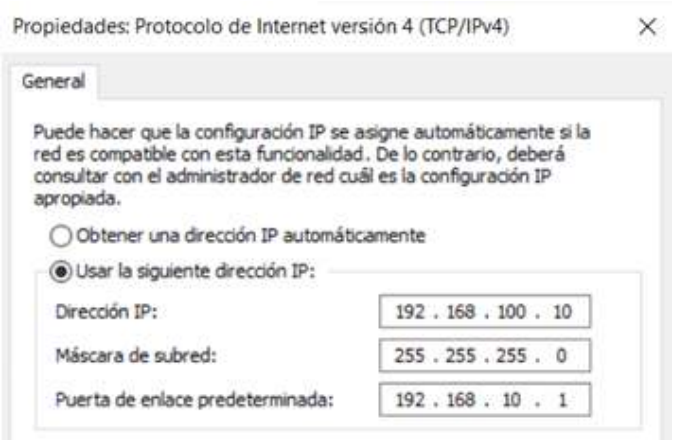
2- Now "Network and Sharing Center" window is opened, click "Change adapter settings". This will open the "Network connections", double click on Ethernet.





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

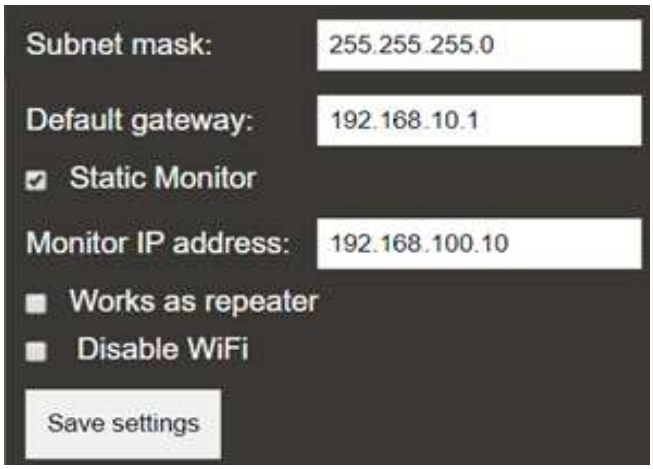
4- In the next window. Select "Use following IP address" and type the desired IP address in the box. The Subnet Mask will be generated automatically. Type the desired Default Gateway. Click "Ok".



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-SP

Antenna Connector:
RP-SMA Male

Antenna Gain:
2.4 GHz Antenna 2dBi

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

WiFi Protocol:
Wi-Fi 802.11

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)

