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1. Initial configuration

The Phantom[™] Gateway 2.0 is a device that connects Phantom[™] condition monitoring sensors to the outside world via the cloud or your local database. Gateway devices can communicate to your network via Wi-Fi or Ethernet connectivity; and communicate with sensors using Bluetooth BLE 5.0.

When the Gateway is connected to a power source for the first time, it will start operating as a HotSpot access point with the name "EIPHANTOMGW".

To access the Gateway settings, follow these steps:



Find the Gateway among the available Wi-Fi networks on your computer.



Connect to the network by typing the password, which will always be "88888888" (the number 8 repeated 8 times).

Once connected to the network, with the help of any web browser, go to the device's configuration page by entering the IP address: 192.168.4.1.



2. User interface

On the Gateway configuration page, you will find three main sections:

- Gateway serial number
- Configuration menu
- Display of configurations

🗖 📔 Phantom Gateway	admin console × +			- 0	×
< C ⋒ ▲	No seguro 192.168.100.54/#/	An at to	₹_=	<u>ک</u>	
😑 🕌 El Phantom	(589245011)				٩
Live state	Gateway Serial Number: 589245011				*
General	Version: 32BT120S9 This gateway is not setup to send data anywhere. Please go to the setup and setup a data destination such as Erbessd Instrument's cloud El Analytic				*
Collection	Uptime: 3 hours 4 minutes Total memory: 498 Mb / Free: 404 Mb System Temperature: 49° C / BT: 40° C				1 0
El Analytic	Storage total: 12991 Mb Free: 12944 Mb CPU Load: 51% Wifi connection IP: 192 168 100 54				0
Modbus	Sensors: 278 Paired: 1				E
MQTT	search				+
System tools					
Offline storage	sort by Serial Number All		*		
Security					
Repeater					
	₀₀0 🖾 3 ₀₀0 🖾 4				Ð
	Serial: 2 version: 174 Type: Triaxial Vibration (High range) Type: Triaxial Vibration (High range) Type: Triaxial Vibration (High range)	ih range)	- ^-)		¢3

2.1 Live state

Phantom Gateway admin cons	xole x +					-	٥	×
← C ŵ ▲ No segur	0 192.168.100.54/#/		A ₂	வக ல்	₹_≡	<u>ب</u>		
)11)						^	٩
Live state	Gateway Serial Number: 589245011							↑
General	Version: 32BT12OS9 This gateway is not setup to send data anywhere. Please ge	o to the setup and setup a data destination such as Erbessd	Instrument's cloud El Analytic					-
Collection	Uptime: 3 hours 4 minutes Total memory: 498 Mb / Free: 404 Mb System Temperature: 49° C / BT: 40° C							10 10
El Analytic	Storage total: 12991 Mb Free: 12944 Mb CPU Load: 51% Wifi connection IP: 192.168.100.54							0
Modbus	Sensors: 278 Paired: 1							•
MQTT System tools	search							
Offline storage	sort by	-1	show only					
Security	Serial Number	↓	All		•			
Repeater		< 1 2 3 4 5 6 >						
	al 2	10 🔽 3	₀0 0 🔽 4					Ð
	Serial: 2 Version: 174 Type: Triaxial Vibration (High range)	Serial: 3 version: 174 Type: Triaxial Vibration (High range)	Serial: 4 version: 174 Type: Triaxial Vibration (High rang	ge)	~ }~)		•	窃

In the first panel you will find the Gateway status information.

- Gateway Serial Number: Gateway serial number.
- Version: Current firmware version.
- **Uptime**: Time the Gateway has been on.
- **Total memory**: Total and available RAM memory.
- **System Temperature:** Internal temperature of device.
- **Storage total:** Total storage and available storage on the SD card.
- **CPU Load:** System Load.
- Wi-Fi connection IP: Current IP address of the Gateway.
- **Sensors:** Sensors detected and sensors paired with the Gateway.

The panel will appear red until the Gateway is configured to send data to a specific site.



Once the Gateway has been configured to send to a database, the panel will appear white.

Gateway Serial Number: 589245011	
Version: 33BT12OS9	
Uptime: 19 hours 22 minutes	
Total memory: 498 Mb / Free: 401 Mb	
System Temperature: 50° C / BT: 40° C	
Storage total: 12991 Mb Free: 12943 Mb	
CPU Load: 32%	
Wifi connection IP: 192.168.100.54	
Monitor IP: 192.168.100.243	
Sensors: 426 Paired: 1	

After the first panel, you will find the search options. In the search bar you can type the serial number of the

search

sensor you want to configure.

Serial Number	h		
Last seen			
Node type			
Signal strength			
Battery			
Last download			

Sort by allows you to choose from several

options to sort the list of sensors.

- Serial Number
- Last seen by the Gateway.
- Node type
- Signal strength
- Battery level
- Last downloaded

The next button defines the order of the sensors according to the option you have previously chosen:

E1 From highest to lowest

Show only will show you all sensors in the selected category.

- All: All sensors.
- **Paired:** Paired sensors.
- Unpaired: Sensors not paired.
- Low Battery: Low battery sensors.
- Low signal: Low signal sensors.
- Favorites: Sensors marked as Favorites.
- Ignored: Sensors ignored in the past.
- **Secured:** Sensors with encryption enabled.
- **Unsecured:** Sensors with encryption disabled.

2.1.1 Phantom[™] sensor configuration

You can find the sensors listed with the serial number at the top and some buttons as shown in the picture.

Signal strength: appears when the cursor passes over the icon.

Set sensor name: Change the sensor name and it will be displayed on the first line instead of the serial number.

ursor passes	•1 2 189294726 •55 189294726 version: 178 •55 Triaxial Vibration (High range)	
name and it	Friendly name <u>Phantom</u> Gen 3	

189294726

Serial: 189294726 version: 178

Type: Triaxial Vibration (High range)

show only All	*
show only	
All	ī
Paired	
Unpaired	
Low battery	- 1
Low signal	
Favorites	•

CANCEL SET

Below you can see the serial number, firmware version and sensor type.

189294726 Serial: 189294726 version: 178

Serial: 189294726 version: 178 Type: Triaxial Vibration (High range)



In the frame you will also see information about the sensor.

- Last seen: Last time the Gateway saw the sensor.
- Velocity RMS: RMS value measured on each axis.
- Battery voltage: Sensor battery voltage.
- Sensor Temperature: Sensor internal temperature.

Pair Allows you to pair the sensor with the Gateway. The sensors will not automatically connect to the Gateway if you do not link them.

After pairing the sensor with the Gateway, more configuration options will appear.

Unpair Unpairs the sensor from the Gateway.

Favorite H: Adds the sensor to the list of favorites.

Collect waveform now $\stackrel{\text{de}}{=}$: Request a collection of the Time Waveform (TWF) and frequency spectrum (FFT) at instantly. A blue message will appear, indicating that the signal is being downloaded.

UNPAIR E & C & V Downloading waveform: downloading IB9294726 Serial: 189294726 version: 178 Type: Triaxial Vibration (High range)



Timed collection		~
Triggered collection		~
Velocity RMS Alarms		~
Custom collection settings		~
	CANCEL	SET

Collection settings (): Displays four options for the data sending configuration of the specific sensor.

imed collection	
collection mode	
Follow global collection setting	
Interval	
Time of the day	
Disable timed collection on this sensor	

Timed collection: Allows you to select the sensor collection mode, among the four available options.

Follow global collection setting: Causes the sensor to record data according to the global configuration of the Gateway.

Interval: Allows you to send data with a defined interval. You can switch between minutes, hours or days as long as you stay within the allowed range of the sensor.

Time of the day: You can choose specific times of the day to send data. When you click on **Custom waveform collection time** a clock will appear, allowing you to choose the time you want. By clicking on ADD TIME you can add this time to the list. You can add several hours by repeating this process, and delete them with REMOVE.

Collection mode Follow global collection setting		-
Timed collection		~
Collection mode		
Interval		•
Waveform/Thermal image collection interval		
30	Minutes	*



Disable timed collection on this sensor: Disables TWF

Disable timed collection on this sensor

Collection mode

and FFT collection.

ĵ	Triggered collection	~
-	Fridaer collection type	
	None	
	Current	
1	RPM	
1	Dry contact	_

In the **Triggered collection** section, you can link your vibration sensors with sensors for other parameters, such as current, RPM speed and dry contact.

For example, when selecting RPM, you can search in the **Triggering sensor** part for the available RPM Phantom[™] sensors to link to.

Then select the time in which the sensor can be reactivated.

In **Min RPM** and **Max RPM** enter the minimum and maximum speed of the range.

The vibration sensor will be activated when it detects the measured RPM value is within the configured range.

Sensor collection settings

Timed collection		~
Triggered collection		^
Trigger collection type		
RPM		•
Triggering Sensor		
189259700		•
Time to ignore trigger after collection		
12	Minutes	•
Min RPM		
0		
Max RPM		
0		
Velocity RMS Alarms		~
Custom collection settings		~

Alarm level 1 (m	m∕₅)	
Axis X	Axis Y	Axis Z
10	10	10
Alarm level 2 (m Axis X	m∕s) Axis Y	Axis Z
Alarm level 2 (^m Axis X 12	m∕₅) Axis Y 12	Axis Z 12
Alarm level 2 (m Axis X 12 Alarm count threshole	m/s) Axis Y 12	Axis Z 12
Alarm level 2 (m Axis X 12 Alarm count threshold 1	d	Axis Z 12 Cou
Alarm level 2 (m Axis X 12 Alarm count threshold 1 Time to Ignore alarm	d Axis Y 12	Axis Z 12 cou
Alarm level 2 (m Axis X 12 Alarm count threshold 1 Time to ignore alarm 15	M/s) Axis Y 12 after collection	Axis Z 12 Cou

In Custom collection settings you can select Override

global collections settings to modify the settings for

* These options are explained in the **Collection** section.

this sensor only. Otherwise the sensor will take the

global settings from the Gateway.

In the **Velocity RMS Alarms** section, you can activate the sensor alarms.

Alarm level 1 will cause the sensor to send TWF and FFT if the mm/s level is exceeded in any of the measured axes.

Alarm level 2 will trigger a notification if the value in mm/s is exceeded in any of the measured axes.

Alarm count threshold is the alarm check interval; it is defined in **counts** or sequences.

Time to ignore alarm after collection indicates how much time must pass before the sensor can alarm again.

Custom collection settings	
✓ Override global collections settings	
Mode	
Triaxial	•
Sample rate	
25.6	kHz 👻
Lines of resolution	
6,400 (16,384 samples per channel)	*
Range	
± 8 g	

CANCEL SET

n sensor settings		
General		~
Vibration triaxial settings		~
	CANCEL	SET

In sensor settings 🌣 allows you to modify the internal settings of the sensor.

Click SET to save the changes in the sensor.	

Finally, in **Vibration triaxial settings** are the options for the RMS value calculation:

Only enable this if you want this sensor to connect to an older Gateway v1

~

seconds

V

SET

CANCEL

In sensor settings

General

8 dbm

Max transfer power

Sensor update interval 30

Vibration triaxial settings

Connect to Phatom Gateway v1

- Lower cutoff or Higher cutoff: Allows you to define the frequency range.
- **Calculation range:** Choose the dynamic range.
- **Sample rate:** Selects the sample rate and maximum frequency.
- **Lines of resolution:** Choose the resolution lines for the calculation.

In **General** you can change the transmission power, which is recommended to be set at 8 dbm.

Sensor update interval defines after how many seconds the sensor updates its status. This is called sequence or **count**.

You can check the **Connect to Phantom Gateway v1** option if you want this sensor to connect to a Gateway v1 receiver.

In Sensor RMS Calculation lower cutoff Frequency	
10	Hz
In Sensor RMS Calculation higher cutoff Frequency	
1000	Hz
In sensor RMS Calculation range	
± 8 g	
In sensor RMS Calculation sample rate	
25.6 kHz / Fmax 10kHz	v
In sensor RMS Calculation lines of resolution	
6,400 (16,384 samples per channel)	*

CANCEL SET

The Button 🐣 will display more information and options for the sensor.

- Last download: Time since last downloaded • signal.
- Last alarm download: Time since last signal downloaded by alarm.
- Last trigger download: Time since last signal • downloaded by trigger activation.
- Last seq change: Time elapsed in the last • sequence.
- Battery type: Sensor battery type. •

UNPAIR

FORGET

SLEEP

- Update interval: Update interval set in sensor.
- Max transfer power: Maximum transfer power set in sensor.
- Seq: Number of sequences that the sensor has been through.

ADVANCED



Serial: 189294726 version: 178 Type: Triaxial Vibration (High range)



The Gateway hasn't seen this sensor in a long time. If you have removed it from your site you can use the forget feature to remove it. Last seen: 8 hours 2 minutes Velocity RMS X: 0.44 mm/s Velocity RMS Y: 0.3 mm/s Velocity RMS Z: 0.48 mm/s Battery voltage: 2.71 V Sensor Temperature: 23.75 °C Last download: Never Last alarm download: Never Last trigger download: Never Last seq change: 8 hours 2 minutes Battery type: CR2477 Update interval: 30 seconds Max transfer power: 8 dbm Seq: 59

Additional buttons are also displayed:

- **Unpair** Unlinks the sensor from the Gateway.
- **Forget** Forgets this sensor and its settings. It will not appear in the Gateway list until it sends data again.
- Sleep : Disables the sensor for battery conservation. The sensor will not take measurements or save new settings until it is reset with the magnetic key.
- Advanced Advanced : Allows you to add codes for specific firmware updates. This option requires the Gateway to have internet access. To avoid damage to your Phantom[™] sensors, do not enter a code without the help of a Technical Support assistant.

Some sensors require an update to connect to the Gateway 2.0. They will appear with a red box and the following option:

• **Update** UPDATE : Updates the sensor firmware to be compatible with Gateway 2.0.

Serial: 189276342 version: 17	70	5
Type: Triaxial Vibration (Low	range)	-2
This node needs an update to	o work with Erbessd	
nstruments Phantom Gatew	ay v2. You may need	to
estart it manually to perform	n the update.	
Last seen: 1 secondo		
001 00001 00000000		
Last seen. I seconds		

2.2 General

🗖 🎽 Phantom Gatewa	y admin console x +				-	٥	×
	No seguro 192.168.100.54/#/config	A∥ aa	to	₹)≡	(2	
= 🎽 El Phantom	≡ 1 Phantom (589245011)					Î	Q
Live state	Enable WiFI						+. •
General	Static IP Configuration						-
Collection	Enable Repeater						<u>له</u>
El Analytic							0
Modbus							0
MQTT	Enable OPC UA Server						+
System tools	Send data to custom Cloud						
Offline storage	SAVE RESET						
Security							
							•
						+	ŝ

Enable Wi-Fi Displays the settings for connecting the Gateway to a Wi-Fi network.

WiFi Auth type WPA Personal	
WiFi Network name	
WiFi Password	

the button $\Tilde{}$, which will display the found networks. Select the one you want to connect to.

	WiFi Network	^
	DIRECT-524843F5	
	Oficina principal	
	Laboratorio electronica	6
C	Soporte Tecnico	
	Recepcion	
C	Totalplay-09A3-5G	
		~

The Wi-Fi Auth type option allows you to select the type					
	WiFi Auth type				
of network.	WPA Personal				
WPA Personal	WPA Enterprise				
WPA Enterprise					
	In the Wi-Fi Password section, enter the password of				
WiFi Password	the selected network. You can view the password or				
O	hide it with the button 🙅 🔌 🛛 🖊				

Static IP Configuration displays the options for configuring a static IP on the Gateway.

Static IP Configuration	Enter the information for the static IP. Consult with you
	i department regarding tills information.
IP Address	
	IP address
Subnet mask	Subnet mask
	Default Gateway
Default gateway	• DNS
UNS	

Enable repeater displays more options for the repeater mode.

- **Connect through repeater network:** Allows the Gateway to function as a repeater.
- Allow other Gateways to connect through this gateway: Allows other repeater gateways to connect directly to this gateway.
- Override default repeater network password: Add a password to connect as a repeater to the main gateway.

- Enable Repeater
- Connect trought repeater network
- Allow other Gateways to connect throught this gateway
- Override default repeater network password

The **Send data to El Monitor/Phantom Lib** option will trigger the sending of data from the Gateway to the El-Monitoring software or Phantom[™] Lib API on the same network.

If necessary you can also configure a static IP for EI-Monitoring.



Static Monitor IP address/Hostname 192.168.100.84

Enable OPC UA Server
 This option allows you to enable the OPC UA server.
 Send data to custom Cloud
 Custom Cloud URL
 Custom Cloud URL
 Image: Custom Cloud UR

2.3 Collection

Phantom Gateway	admin console x +	- 0 ×
< C A (A	No seguro 192.168.1.112/?#/collectionconfig	A ⁿ 85 12 12 12 12 12 12 12 12 12 12 12 12 12
El Phantom ((589245011)	
Live state	Disable Waveform/Thermal image collection	
General	Waveform/Thermal image collection interval	Minutes
Collection		
El Analytic	Mode Triaxial	· · · · · · · · · · · · · · · · · · ·
Modbus	Sample rate	+
MQTT	25.6 kHz / Fmax 10kHz	· · ·
System tools	Lines of resolution 6,400 (16,384 samples per channel)	· ·
Offline storage		
Security	Recording time: 0.64 seconds	
	Range for high range sensors ± 8 g / 0.00024g sensing resolution	
	Range for low range sensors + 8.a./0.00024g sensing resolution	·
		ν.
Disable Wav	efrom/Thermal image collection allows	
you to stop t	he collection for only those files that	
you to stop t	the conjection for only those mes that	Disable Waveform/Thermal image collection
contain TWF	, FFT and thermographic images.	
		With this option you can set the collection interval for
Waveform/Th	ermal image collection interval Minutes	TWF, FFT and thermographic images.
-		

	Mode Triaxial	*
Mode switches the type of data collection between	Mode	
Triaxial (three axes simultaneously) or Single Axis (one	Triaxial	
axis or three axes sequentially).	Single Axis	

When you select Single Axis , the Axis option will
appear, where you can choose the axis on which you
want to collect data (x, y or z), or if you want to collect
on all axes sequentially .

Axis				
x				
Y				
z				
sequenti	ally			
neeerung		 		

ample rate 55.6 kHz / Fmax 10kHz	·
Samole rate	
25.6 kHz / Fmax 10kHz	With this option you can select the Sample rate and
12.8 kHz / Fmax 5kHz	maximum frequency of the sensor measurement.
6.4 kHz / Fmax 2.5kHz	
3.2 kHz / Fmax 1.25kHz	
1.6 kHz / Fmax 625Hz	

If you selected **Triaxial** in the **Mode** section, you can choose between the following options for the resolution lines: If you selected **Single axis** in the **Mode** section, you can choose between the following options for the resolution lines:

Lines of resolution	Lines of resolution
6,400 (16,384 samples per channel)	25,600 (65,536 samples)
12,800 (32,768 samples per channel)	25,600 (76,800 samples)
2 0 g7 0.0002-1g ochoing recorden	2 0 9 / 0.0002 19 0010119 10001011

According to the selected collection type, sample rate and resolution lines, the collection time will change and will be displayed in **Recording time**.

Recording time: 10.24 seconds

You can select the dynamic range in which your sensors will collect data.

Recording time: 10.24 seconds	
Range for high range sensors	
± 8 g / 0.00024g sensing resoltion	

Range for low range sensors ± 8 g / 0.00024g sensing resolution For high range sensors, you can choose from the following options:

Range for high range sensors

± 8 g / 0.00024g sensing resoltion

± 16 g / 0.00048g sensing resolution

± 32 g / 0.00096g sensing resolution

For high sensitivity sensors, you can choose from the following options:

Range for low range sensors

- ± 2 g / 0.00006g sensing resolution
- ±4g/0.00012 sensing resolution
- ± 8 g / 0.00024g sensing resolution

2.4 El Analytic

🗖 🎽 Phantom Gateway	radmin console x +	-	٥	×
← C A ▲	No seguro 192.168.1.112/?#/eianalytics A ^N as 🔂 🗲	Ē		
=	(589245011)		*	٩
Live state	El Analytic Status: connected			*
General	Connect to EI Analytic			
Collection	Auth token			10
El Analytic				0
Modbus	Sync machine names from El Analytic			+
MQTT	Send data to El Analytic			
System tools	SAVE RESET			
Offline storage				
Security				
				€
			Ŧ	ŝ

In the EI Analytic window, the first thing you will see is the status of the Gateway regarding the service.

- El Analytic Status: connected
- El Analytic Status: disconnected

Connect to El Analytic	When you activate Connect to El Analytic ,more options will be displayed.
El Analytic Status: connected	
Connect to El Analytic	You will be asked for the Auth token to connect to the
Auth token	cloud. This is available in your EI Analytic account.
✓ Sync machine names from El Analytic	Send data to EI Analytic will send all collected
	measurements to the database on the EI Analytic
Send data to El Analytic	platform.
SAVE RESET	

Allow support representatives to access your Gateway

If you are not connected to EI Analytic but have internet access, this option will allow the Technical Support team to access your Gateway for troubleshooting.

2.5 Modbus

D 🎍 Phantom Gateway	radmin console × +				-	0	×
	No seguro 192.168.1.112/?#/modbusconfig	A [™] a	5 20	£_≡	Ē		
😑 🎽 El Phantom	(589245011)					^	Q
Live state	Enable Modbus server						*
General	SAVE						-
Collection							*
El Analytic							0
Modbus							+
MQTT							
System tools							
Offline storage							
Security							
							Ð
							ŝ

Jelect a sell	isor		-	add a s
				you wa
Sensor valu	e	 	•	able to
ADD				

ng **the Enable Modbus server** option you can or in **Select a sensor** and add the parameter o receive in **Sensor value**. Then you will be erve them in the register table and save them

SAVE

2.6 MQTT

Phantom Gateway	admin consol × +		-	٥	×
← C A ▲	No seguro 192.168.1.112/?#/mqttconfig A [®] ai	10 TO T	∎ @	۲	
= 🎽 El Phantom ((589245011)			*	٩
Live state	✓ Enable MQTT Connection				+.
General	protocol mqtt:// → MQTT server				-
Collection	port.				هد 1
El Analytic	1883				O
Modbus	Username				+
System tools	Password	1	2		
Offline storage					
Security	Торіс				
	Publish waveforms				
	SAVE RESET				œ
				Y	

You can connect to your MQTT server by adding your credentials and topic to login.

2.7 System tools

Phantom Gateway admin consol 🗙	+				-	٥	×
← C බ ▲ No seguro 1	92.168.4.1/#/systemtools	A∿ a∌	to	₹'≡	œ		
	(589245011)					-	٩
Live state	System firmware update				~		
General	System utilities				~		20
Collection	Date and time				~		0
El Analytic							0
Modbus							1
MQTT							
System tools							
Offline storage							
Security							
							€
						·	ŝ

System Firmware Update shows you the options for updating your Gateway 2.0.

Check online update

CHECK ONLINE UPDATE allows you to

check for firmware updates for the Gateway. Internet access is required for this option.

Below the button, the current version of the Gateway and the latest version available will be displayed.

Firmware file Firmware file Allows you to upload the firmware file directly from your computer to update the Gateway. This option does not require internet access.

System utilities displays the following options:

^



SYSTEM RESTART

Resets the Gateway without deleting any configuration.

Displays the system log.	
Date and time	
Timezone Etc/UTC	Date and time zone You can select the time zone to se
✓ Enable NTP Server	the Gateway time.
NTP Time Server pool.ntp.org	You can also enter your own Network time protocol.
Current Gateway Date/Time (UTC): Sat, 03 Dec 2022 19:42:50 GMT Current Gateway Date/Time (GW Timezone): Sat, 03 Dec 2022 19:42:50 GMT Current computer time (UTC): Sat, 03 Dec 2022 20:04:54 GMT SET	
you disable the Enable NTP Server option you will	
ave the Set Gateway time to you computer time	Enable NTP Server
otion available, for the Gateway to use your computer	Set Gateway time to your computer time
ne.	 Control of the control of the control

2.8 Offline storage

🗖 📔 Phantom Gateway	y admin console x +					-	٥	×
← C @ ▲	No seguro 192.168.1.112/?#/offlinestorage		A∿ a∌	ĩò	₹_=	(Ĥ		
= 🎽 El Phantom	(589245011)						*	٩
Live state	Sensor	Collection Time						*
General	RESET STORAGE Files in long term storage: 0							•
Collection								
El Analytic								0
Modbus								+
MQTT								
System tools								
Offline storage								
Security								
								€
							s	ŝ

Once the Gateway is configured to send data locally or to the cloud, you can save the data from paired sensors in its memory in case you lose access to the internet or EI-Monitoring. Once the connection is restored, it will send all pending measurements.

2.9 Security

Phantom Gateway	y admin consol: X +		A) 24	~	~	-	0	×
El Phantom	(589245011)		Α. α ₈₀	10	2=	١ <u></u>	·	Q
Live state	Enable Gateway Console password							+
General	Change default Self AP WiFi password							•
Collection	SAVE							10 10
El Analytic								0
Modbus								+
MQTT								
System tools								
Offline storage								
Security								
								•
								ŝ
Enable Gate	eway Console password							
Leaving this blank w	vill keep the current password. With Enable Gateway Conso	le pas	swo	rd y	ou o	can	ent	er
Password	a password to access the Gate	eways	setti	ngs.	Alw	ays	use	ġ
Confirm passwo	"Admin" as the user.							

Enable Sensor Encryption

The next time you access the Gateway settings page, you will be asked for your previously registered username and password.

ssword	Ο



You can also enable the Enable Sensor Encryption option to make the communication between the Gateway and the sensors more secure. This option requires the sensors to be paired to the Gateway and results in higher battery consumption.

Change default Self AP Wi-Fi password allows you to

change the password to connect to the Wi-Fi network emitted by the Gateway.

✓ Change default Self AP WiFi password Leaving this blank will keep the current password. Self AP password Confirm self AP password SAVE

3. Gateway 2.0 reset types.

If you need to change the Gateway settings but do not have access to the network to which it is connected, you can reset the Gateway.

While the Gateway is on, insert a paper clip into the hole located to the left of the display. Press and hold the internal Gateway button with the paper clip until the display changes.





After you see the **Basic config reset** message, continue to press and hold the button for another 10 seconds. The **Factory reset** will be activated.

This reset returns the Gateway to its factory settings.

After approximately 5 seconds, the **Basic Config Reset** screen will appear on the display. If you release the button, the Gateway will restart. This will delete the Wi-Fi network configuration, keeping the sensor configurations.

Then the message **Restarting...** will appear and the Gateway will restart.

