Manuals+ — User Manuals Simplified.

LEAP SENSORS LGE0-EN Industrial Grade Wireless Sensor Gateway User Guide

LEAP SENSORS LGE0-EN Industrial Grade

Wireless Sensor Gateway User Guide

Quick-Start Guide
PC - USB CONNECTION
LEAP SENSORS® SYSTEM

WATCH OUR ONLINE QUICK-START VIDEO TUTORIAL
Scan the QR code

https://www.phaseivengr.com/about-us/support/

Contents

HARDWARE

Power Adapter

Ⓐ

USB Cable

Ⓑ

Ethernet Cable

Ⓒ

(For ethernet or cloud based systems -
not needed for PC-USB connection)
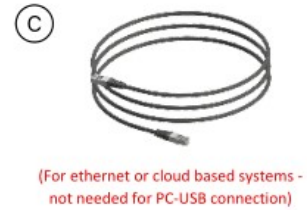
Standard Antenna

Ⓓ

Gateway

Ⓔ

Leap Wireless Device

Ⓕ

CONNECTIONS

Laptop/PC
(local)

Typically 1500 feet in
open air. Several
hundred feet in an
industrial
environment.

USB
mini
(PC)

LEDs

ETHERNET

POWER

(For ethernet or cloud based systems -
not needed for PC-USB connection)

STANDARD
ANTENNA
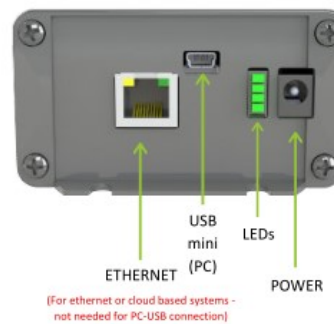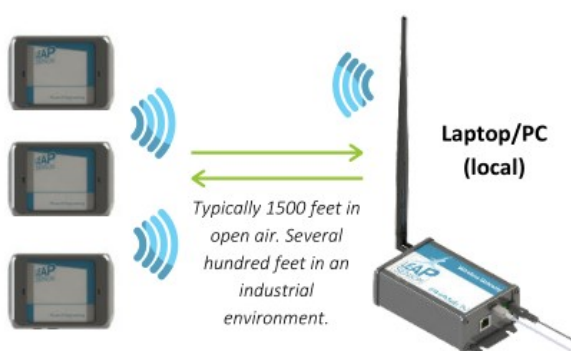
SETTING UP YOUR GATEWAY

- **Plug the USB-A end of the USB cable to your PC and the USB-Mini-B end to the gateway (see gateway connection diagram above).** (B)

- **Screw the antenna into the SMA connector on the gateway.** (D)

- **Plug the Gateway into a wall outlet using the power adapter.** (E) (A)

- **Wait a few minutes after power-up, then turn on any sensors before logging into the Gateway Web Interface**

- **Click 'Start' Icon**

(D)

(A)

(E)

(B)
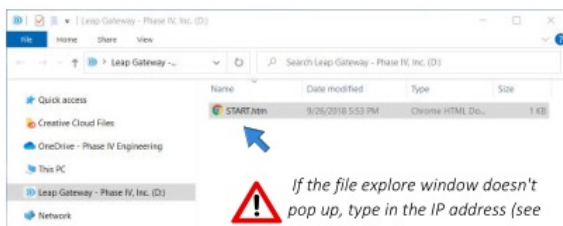
⚠️ *If the file explore window doesn't pop up, type in the IP address (see login sheet) of your gateway into your web browser.*

⚠️ *If this message appears, (192.168.7.2) wait ~3 minutes and refresh page*

This site can't be reached
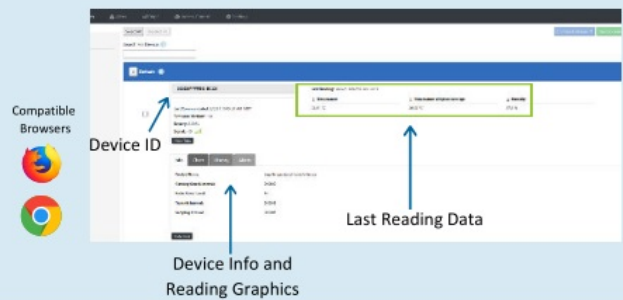
192.168.7.2 refused to connect.

- **Login**

  (See provided login sheet for sign-in credentials)

❗ **Make sure to set your inactivity alerts**

NAVIGATING THE LEAP USER-INTERFACE SOFTWARE

Compatible Browsers

Device ID

Last Reading Data

Device Info and Reading Graphics

Power Switch LED Blink Sequence Decoder

Device Node is working and trying to connect. Blinks green and red.

Successful connection 3 green blinks at the end.

Device turned-on.

Blinks green and red for about 25 seconds. Connecting to Thread network.

Solid red for 3 seconds means Sensor Device failed to connect to the Thread network.

Connecting to data server - up to 50 seconds. Fast blink.

Failed to connect to data server.

Successfully connected to data server.

Quick-Start Guide

ETHERNET CONNECTION

LEAP SENSORS® SYSTEM

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HARDWARE

Power Adapter
(A)

USB Cable
(B)
(For troubleshooting or configurations)

Ethernet Cable
(C)

Standard Antenna
(D)

Gateway
(E)

Leap Wireless Device
(F)

CONNECTIONS

Cloud
Ethernet

Typically 1500 feet in open air. Several hundred feet in an industrial environment.

USB
mini
(PC)

LEDs

ETHERNET
(Your Network or cloud-based systems)

POWER

STANDARD
ANTENNA

SETTING UP YOUR GATEWAY

- Connect your gateway to your local area network using the Ethernet connection cable. Ⓒ

- Screw the antenna into the SMA connector on the gateway. Ⓓ

- Plug the Gateway into a wall outlet using the power adapter. Ⓔ Ⓐ

- Wait a few minutes after power up, then turn on any sensors before logging into LeapSensorManager.com

- Login Screen: LeapSensorManager.com
  (See provided login sheet for sign-in credentials)

Ⓓ

Ⓐ

Ⓔ

Ⓒ

Issues getting a connection to your network?

If a static IP address is required by the IT department, you will need to connect the USB cable to configure the Gateway IP address.

Log into the Gateway, go to Settings [1] > Networking [2] > Change Settings [3] > Update static IP address given by your IT department

Make sure to immediately set your inactivity alerts

NAVIGATING THE LEAP USER-INTERFACE SOFTWARE

Compatible Browsers

Device ID

Last Reading Data

Device Info and Reading Graphics

Power Switch LED Blink Sequence Decoder

Device Node is working and trying to connect. Blinks green and red.

Successful connection 3 green blinks at the end.

Device turned-on.

Blinks green and red for about 25 seconds. Connecting to Thread network.

Solid red for 3 seconds means Sensor Device failed to connect to the Thread network.

Connecting to data server - up to 50 seconds. Fast blink.

Failed to connect to data server.

Successfully connected to data server.

Quick-Start Guide
CELLULAR CLOUD CONNECTION

LEAP SENSORS® SYSTEM

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Scan the QR code

https://www.phaseivengr.com/about-us/support/

HARDWARE

Power Adapter
Ⓐ

USB Cable
Ⓑ
(For troubleshooting or configurations)

Ethernet Cable
Ⓒ
(For ethernet or cloud based systems - not needed for PC-USB connection)
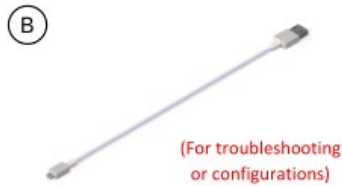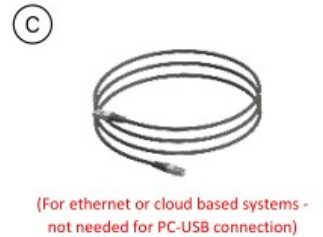
Standard Antenna
Ⓓ

Cellular Antenna
Ⓖ

Gateway
Ⓔ

Leap Wireless Device
Ⓕ

CONNECTIONS

Typically 1500 feet in open air. Several hundred feet in an industrial environment.

Cloud Cellular

USB mini (PC)

LEDs

POWER

ETHERNET
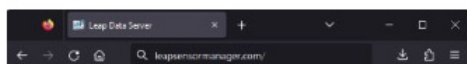(For ethernet or cloud based systems - not needed for PC-USB connection)

STANDARD ANTENNA
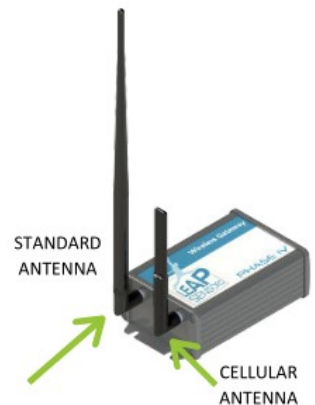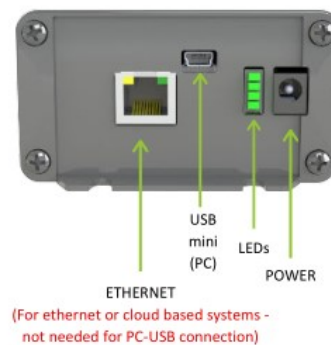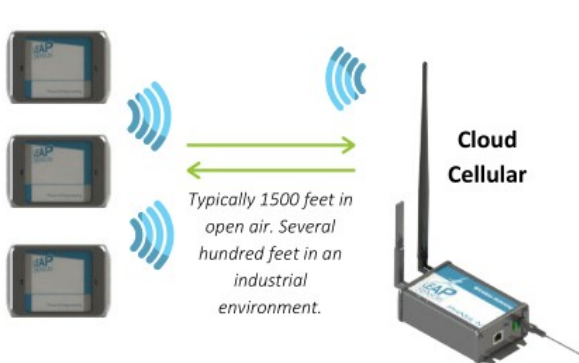
CELLULAR ANTENNA

SETTING UP YOUR GATEWAY

- Screw the standard antenna into the (left) SMA connector on the gateway. Ⓓ

- Screw the cellular antenna into the (right) SMA connector on the gateway. Ⓖ

- Plug the Gateway into a wall outlet using the power adapter. Ⓔ Ⓐ

- Wait a few minutes after power-up, then turn on any sensors before logging into LeapSensorManager.com

- Login Screen: LeapSensorManager.com
  (See provided login sheet for sign-in credentials)

Ⓓ

⚠️

The cellular gateway should be placed where it can get a good cell signal.

Ⓖ

Ⓐ

Ⓔ

Make sure to immediately set your inactivity alerts

NAVIGATING THE LEAP USER-INTERFACE SOFTWARE

Compatible Browsers

Device ID

Last Reading Data

Device Info and Reading Graphics

Power Switch LED Blink Sequence Decoder

Device Node is working and trying to connect. Blinks green and red.

Successful connection 3 green blinks at the end.

Device turned-on.

Blinks green and red for about 25 seconds. Connecting to Thread network.

Solid red for 3 seconds means Sensor Device failed to connect to the Thread network.

Connecting to data server - up to 50 seconds. Fast blink.

Failed to connect to data server.
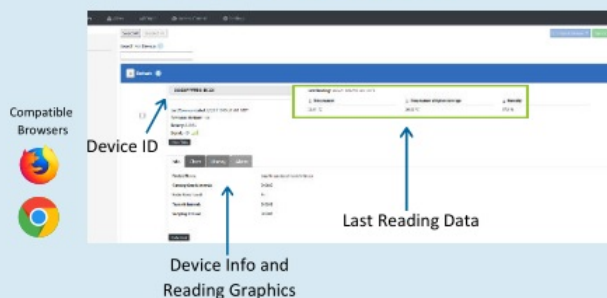
Successfully connected to data server.
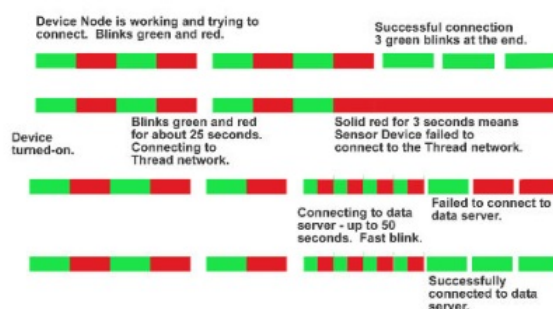
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Documents / Resources

LEAP SENSORS LGE0-EN Industrial Grade Wireless Sensor Gateway [pdf] User Guide
LGE0-EN Industrial Grade Wireless Sensor Gateway, LGE0-EN, Industrial Grade Wireless
Sensor Gateway, Grade Wireless Sensor Gateway, Wireless Sensor Gateway, Sensor Gateway

References

- **Leap Data Server**
- **User Manual**