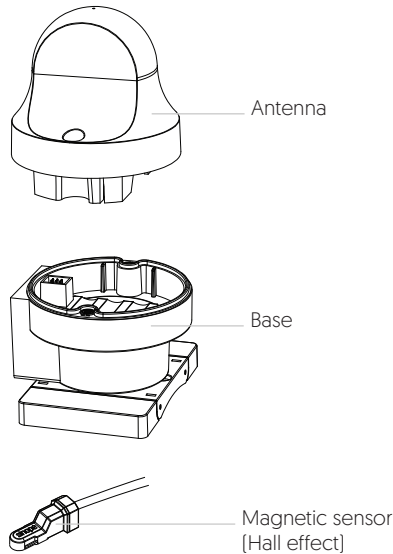


# sinopé

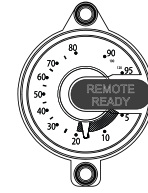
## LM4110-ZB

### Installation Guide

Tank Monitor

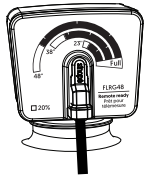


**Propane tank**  
Pre-installed R3D  
tank gauge  
Rochester Gaugess



**Model**      **Part number**  
R3D-LP 5-95%    5909S02733  
R3D-LP 10-80%   5909S02772

**Fuel tank**  
FLRG-48 gauge  
Sinopé

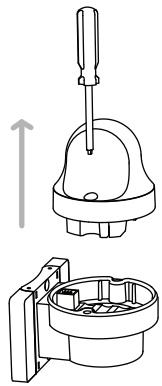


FLRG-48

#### IMPORTANT

Tanks that do not have R3D gauges can be upgraded. Contact your propane supplier for details.

## INSTALLING THE BATTERIES AND ACTIVATING THE MONITOR

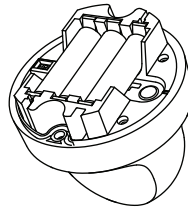


**1** Unscrew the 2 screws using a square / flat screwdriver.

**2** Separate the 2 parts of the monitor.

**3** Install the batteries in the top part of the monitor.

Note: Install batteries as marked on the battery housing compartment.



## MONITOR ACTIVATION

**1** If you do not have an account yet, download the Neviweb app for iOS or Android to create an account and add your device.



Get the app



**2** Tap , then select "Add Device".

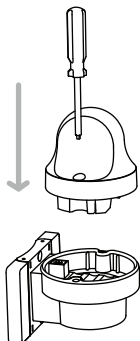
**3** Follow the steps of the installation wizard.

#### WARNING

The installation of the batteries must be performed at a minimum distance of 3 meters [10 feet] from the propane tank.

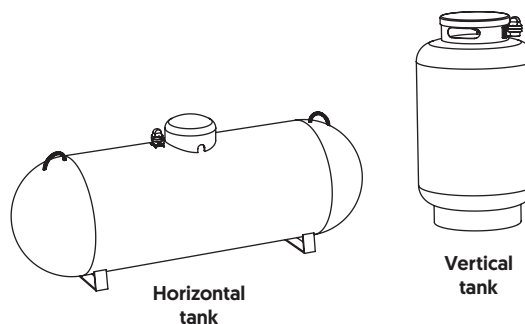
## MONITOR ACTIVATION (CONT'D)

**4** Put the top part of the monitor back on the base and tighten firmly [9 lbs-ft or 12.2 Nm torque required] to make sure the monitor is waterproof.

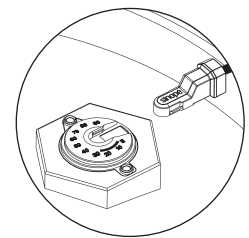


## INSTALLATION OF THE MONITOR ON THE TANK

The monitor can be installed using the magnetic base on several places on the tank. However, it must be cleared from the wall. Also position it so that the filling valve is free.



The tank monitor should be installed away from metal surfaces [aluminum or steel coatings, aluminum railing].



Insert the remote sensor into the R3D remote-ready dial until it snaps into place. Make sure the dial is clean before installing the remote sensor.

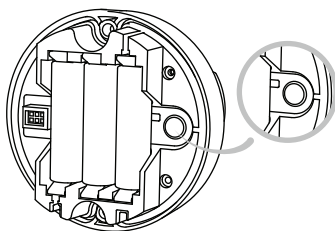
The tank monitor can also be attached with screws [not included] or with plastic cable ties.

## CONNECT YOUR TANK MONITOR TO A COMPATIBLE ZIGBEE GATEWAY

- 1 Initiate the connectivity session of your compatible Zigbee gateway by referring to its user guide.



- 2 Connect your tank monitor to the network by briefly pressing the button under the device's antenna.



- 3 Once connected, it is possible to check the network status by briefly pressing the button.

Light	Status
Green light blinks	Connection in progress
Green light on for 10 s	Successful connection
Red light on for 10 s	Connection failure*

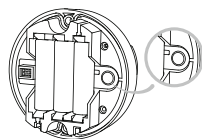
\* Refer to the "Support" section of our Website at [www.sinopetech.com](http://www.sinopetech.com)

- 4 When all your devices are connected, close the connectivity session of your Zigbee gateway.

## DISCONNECT YOUR TANK MONITOR FROM THE ZIGBEE GATEWAY

To disconnect your device from the Zigbee gateway, press and hold on the button under the antenna for 10 seconds.

The LED will flash red 3 times to confirm the disconnection.



## CLEANING INSTRUCTIONS



Use a damp cloth for cleaning.

## RISK ANALYSIS ON POTENTIAL MISUSE OF THE TRANSMITTER

Risk	Assessment	Mitigation
Mechanical damage	Dropping the transmitter and using the cable as a lifting mechanism for carrying the transmitter may damage the housing, magnet, sensor and cable assembly. The damage may impair the proper operation of the transmitter.	Handle the transmitter with care using the housing when carrying it for field installation. Do not use the cable assembly to hold the transmitter. Do not drop the transmitter and install according to the installation manual.
Water infiltration	Water infiltration can damage the transmitter if the housing is not well screwed when the batteries are changed.	Both housing screws must be equally torqued. A torque of 9 Lbs-in [12.2 Nm] is recommended. It is recommended to alternate between both screws while tightening them.
Electrical malfunction	Incorrect or reverse termination of the battery will prevent all operations of the transmitter. In addition, the wrong battery type used may shorten the operational life span of the transmitter.	Install correctly according to this installation manual and per the markings on the battery compartment. Also, install batteries of the type as described in the installation manual.
Reduced transmitter range	Covering the transmitter with any metal apparatus will reduce the effective transmission range.	Do not cover the transmitter.

## TECHNICAL SPECIFICATIONS

### Power supply

**Type:** 3 AA lithium batteries [Energizer Ultimate Lithium]  
**Lifespan:** 10 years

### Environnement

**Indice de protection :** IP65

**Classification de zone :** Classe 1 Division/Zone 2, Groupe D/IIA, T4

**Operating voltage:** 5 VDC nom., 80 mA max

**Operating temperature:** -40 °C to 50 °C [-40 °F to 122 °F]

**Storage temperature:** -40 °C to 50 °C [-40 °F to 122 °F]

**Relative humidity of condensation:** 0 to 100%

**Altitude:** Up to 3000 meters

### Transmission

**Protocol:** Zigbee 3.0

**Frequency:** 2.4 GHz

**Transmission power:** +20 dBm

**Receiver sensitivity:** -108 dBm

Transmitter Module IC: 5123A-GM210P / FCC ID: QOQGM210P  
 This device complies with Industry Canada license exempt RSS standard[s].  
 Operation is subject to the following two conditions:  
 [1] this device does not cause interference, and [2] this device must accept any interference, including interference that may cause undesired operation of the device.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment OFF and ON, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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## 3-year limited warranty and service

SINOPE TECHNOLOGIES INC. warrants the components of their products against defects in material and workmanship for a 3-year period from the date of purchase, under normal use and service, when proof of purchase of such is provided to the manufacturer. This warranty does not cover any transportation costs that may be incurred by the consumer. Nor does it cover a product that has been improperly installed, misused or accidentally damaged. The obligation of SINOPE TECHNOLOGIES INC., under the terms of this warranty, will be to supply a new unit and this releases the manufacturer from paying the installation costs or other secondary charges linked to replacing the unit or the components. No serviceable parts inside the product. Contact Sinopé Technologies.

**sinopé**

For more information, visit our Website:

[www.sinopetech.com](http://www.sinopetech.com)

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