Mounting the Wireless ALTA Propane Tank Level Monitor

The Wireless ALTA Propane Tank Level Monitor allows a user to remotely monitor the level of a propane tank by simply plugging in the R3D® (Remote ready) sensor into a pre-installed R3D tank gauge. As the propane level is decreased, the reading produced decreases as well. The monitor converts the reading into a percentage of propane remaining in the tank and transmits that percentage wirelessly to its connected ALTA Gateway. The percentage depends on the configuration of the tank and the R3D gauge pulling an accurate level of propane inside.

Important: Tank gauges that are not R3D ready can be upgraded with an R3D gauge from one of these vendors:
• Rochester Gauge
• Squibb Taylor

Warning: If you do not have a dial that is R3D compatible, do NOT attempt to change the dial yourself. Please contact your propane supplier and ask them for a replacement dial that supports the R3D standard. The float gauge inside the tank does not need to be replaced, just the plastic dial that reports the propane level inside the tank. (Compare your dial to those in the following link and verify which one is installed on your tank. If R3D ready, please proceed.)

Set-up Steps

1. Register your gateway on iMonnit.

Your gateway must be registered first to verify communication between the device and iMonnit. Any sensors or meters you wish to add onto your network must come after the gateway.

2. Register your ALTA Propane Tank Level Monitor on iMonnit.

After you have registered your gateway, it's time to add your Propane Tank Level Monitor to the account.

3. Mount the the Propane Tank Level Monitor directly to the tank.

Place your sensor in the desired spot directly onto the tank.

Registering the Propane Tank Level Monitor

You will need to enter the Device ID and the Security Code from your Water Rope Sensor in the corresponding text boxes. Use the camera on your smartphone to scan the QR code on your sensor and gateway. If you do not have a camera on your phone, or the system is not accepting the QR code, you may enter the Device ID and Security Code manually.

• The Device ID is a unique number located on each device label.

• Next you'll be asked to enter the Security Code (SC) on your device. A security code will be all letters and must be entered in upper case, no numbers. It can also be found on the barcode label of your gateway.
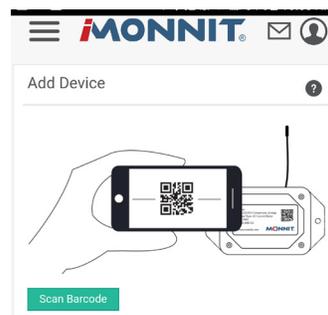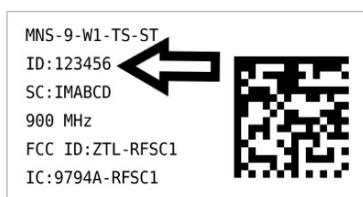
Mounting Directly to the Tank

1. Identify the type of gauge you have installed on the tank. If it is not an R3D ready gauge please contact Rochester Gauges or Squibb Taylor to purchase one.

2. Once you have identified an R3D gauge on your tank, proceed with inserting the lead from the monnit sensor into the gauge. Line the black tip of the sensor up with the grooves of the gauge, then slide together. A successful connection will result when you hear a click.

3. Mount the sensor housing on top of the metal tank surface with the magnets provided. Make certain the antenna is vertical prior to turning the sensor on.

4. With your gateway powered on and in recieve mode (three green LEDs) power on the sensor by flipping the switch from off to on.

> **Note:** Do not place the tank monitor under a steel lid or inside the collar since this can prevent the monitor from connecting to the gateway and iMonnit.

Antenna Orientation
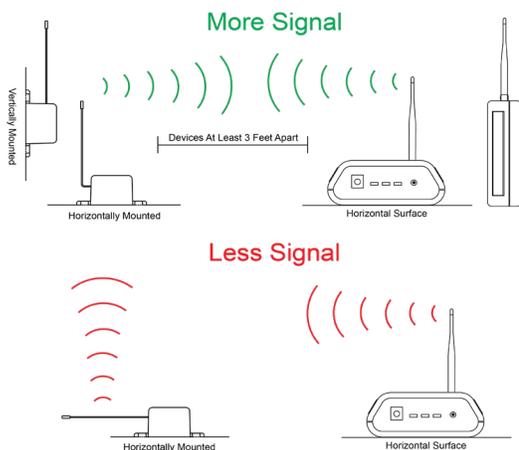
In order to get the best performance out of your ALTA Wireless Sensors, it is important to note proper antenna orientation and sensor positioning. Antennas should all be oriented in the same direction, pointing vertically from the sensor. If the sensor is mounted flat on its back on a horizontal surface, you should bend the antenna as close to the sensor housing as possible giving you the most amount of antenna pointing vertical. You should make the antenna wire as straight as possible, avoiding any kinks and curving of the wire. Sensors must be at least 3 ft. away from other sensors and the wireless gateway to function.

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