

Digi Connect Sensor Gateway with VEGA Sensor Setup Instructions

TankScan | Powered by AquaPhoenix

Connect Battery Pack and Test Connection

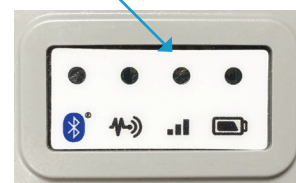
- 1 Select a spot near tank you are installing. Open gateway cover and connect battery cable to connector on circuit board as shown. Close cover of gateway, cover snaps into place. Screw on cellular antenna.

Swipe gateway with magnet along magnet logo. Gateway indicator lights will begin sequentially flashing. After a few seconds, cellular light will blink red, then blink blue when cellular connection is made. When data transfer is complete, cellular Indicator will remain solid blue for 3 seconds then turns off.

Once data transfer is complete, open up gateway, unplug battery cable from connector, and close gateway cover. Place gateway at a temporary location for use later.



Cellular Indicator



Take Measurement

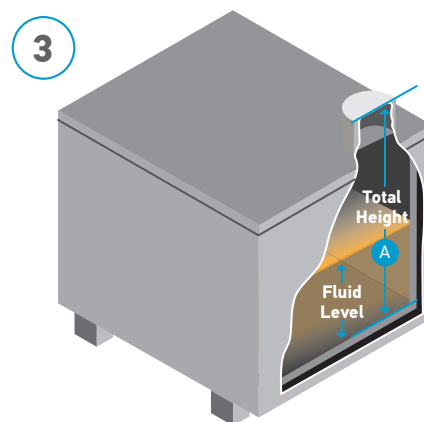
- 2 Remove any equipment from tank port to be used by sensor. Sensor can be connected directly to tanks with a 1.5" NPT threaded opening.
- 3 Measure total height **A** from inside bottom of tank to top of tank port and to top of fluid level in tank. Record and report measurement to TankScan Technical Support.

Total Height: _____

TankScan Technical Support
877-847-7226

Mount Sensor to Tank

- 4 Screw sensor into tank port and hand tighten until secure.
 - Seal pipe threads of sensor using product appropriate for this application prior to tightening into tank port.
- 5 Run sensor cable down side of tank to ground level.

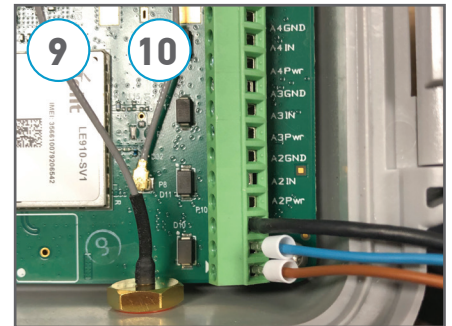


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Connect Sensor to Gateway

- 6 Open gateway enclosure.
- 7 Unscrew cable gland cap and remove red seal.
- 8 Slide cable gland cap onto sensor cable and run cable through cable gland.
- 9 If sensor has 2 wires
 - Insert brown wire into bottom most terminal port and blue wire in port above brown wire.
- 10 If sensor has 3 wires
 - Insert brown wire into bottom most terminal port, blue wire in port above brown wire, and black wire into port above blue wire.
- 11 Tighten terminal screws with a screwdriver to secure sensor wires.
- 12 Tighten cable gland cap to seal and secure sensor cable.
- 13 Connect battery pack cable to connector on circuit board.
- 14 Close enclosure cover. Make sure battery and sensor wires will not be pinched. Mount gateway at convenient height on side of tank. Mount gateway such that sensor cable is exiting down from enclosure to form a drip loop.



Test Setup

- 15 Test gateway by swiping magnet along magnet logo until the indicator lights illuminate. Gateway will take a level reading and then report to AquaPhoenix intelligence Platform (AIP).
- 16 Call TankScan Technical Support to confirm and finish setup. Retain documentaion provided with VEGA sensor for future troubleshooting needs.

**For questions
or problems –
Contact TankScan
Technical Support
877-847-7226**

223-0195-000 Rev. B 7/23/2025

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