

# ps-iLevel<sup>®</sup> Tank Monitor Installation Instructions

## 1 The ps-iLevel Monitor

The ps-iLevel monitor consists of the electronic module, copper tubing that connects the monitor to a bushing, and a weighted pressure sensing tube. See diagram for identifying the various parts. The pressure sensing tube is open at the bottom and sealed into the electronics module at the top. It arrives pressure tested and ready to install, but if you wish to check the pressure seal, blow into the open end of the tube. You should not be able to blow any air through. If you wish to check the pressure seal with a pump, do not apply greater than 5 psi. That is the limit of the pressure sensor in the ps-iLevel.

The monitor components:

1. The electronics module. (External antennas shown)
2. The weighted pressure-sensing tube.
3. The short copper tube connecting the module to the bushing.
4. The 2" standard bushing; other sizes are available.



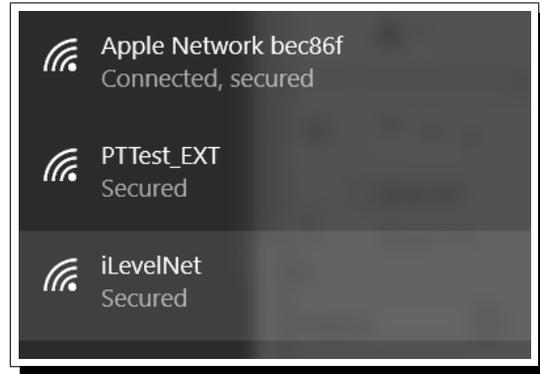
## 2 Tank Installation

1. Remove the tank cap on the penetration you will use.
2. Stick the tank and record the oil level in inches here.
3. Drop the weighted end of the pressure sensing tube into the tank. It should go all the way to the bottom of the tank. Excess tubing on the bottom of the tank will not affect the readings, so the tube can be as slack as necessary.
4. Screw the bushing adapter in.
5. DONE! Proceed to the network setup.

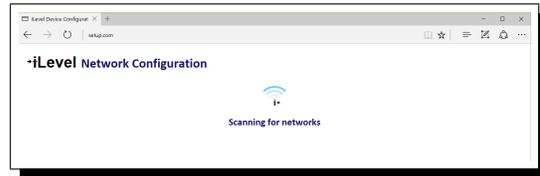
Stick reading:	inches
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### 3 Network Setup

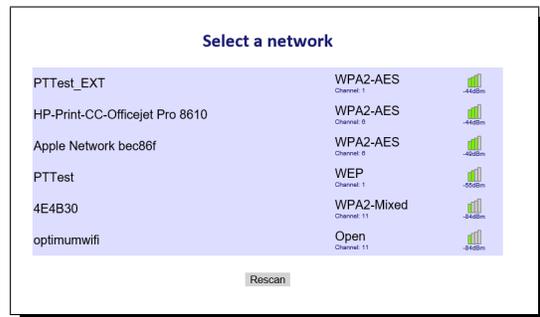
Apply power to the ps-iLevel and wait until the **psiLevelNet** access point connection appears. If it does not appear within a minute, press the Setup button and try again until it appears.



Once you connect to **psiLevelNet**, point a browser to <http://setup.com>. You will lose internet connectivity on your device for a short while in the next few steps as setup scans for your local network.



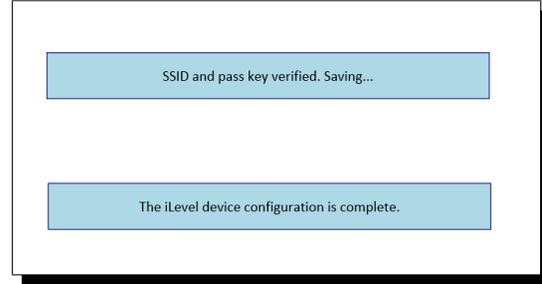
Select your network from the list of networks that appears in the scan.



Enter your password to connect to your network. The apple network shown is just for example and is not a real network.



The ps-iLevel will now verify your password and join the network. The configuration settings will be saved to allow the iLevel to reconnect to the network automatically on powering up.



## How to Access Your Tank Data

Navigate to [www.poemtechnology.com](http://www.poemtechnology.com) and select "login" at the top right of the screen. Once you set up your account, you can view real time tank levels as well as a graphical chart display.

