



## Installation Guide

**(Install by licensed plumber strongly recommended)**

**Meters are plastic bodied so excessive force during install will break meter and cause leaks**

### TOOLS NEEDED

- Pipe cutter
- Soldering supplies, compression fittings or PEX adapters
- Pipe wrench or channel locks

### PARTS NEEDED

#### Main supply

- 3/4" female NPT pipe adapters to existing pipe type and size Qty. 2
- Teflon Tape/PTFE pipe sealant or rubber gaskets
- Note: for the adapters we like the 3/4 in. Female Metal Hose Adapters such as this one:  
(<https://www.homedepot.com/p/Melnor-Metal-Double-Female-Adapter-59Z-FB-HD/206480253>)

### MAIN LINE (3/4") FLOW METERS

#### FLOW METER INSTALLATION ON MAIN LINE WATER SUPPLY LINES



First identify the individually separated water supply lines going to each apartment. Turn off water and bleed pressure at a nearby faucet. Cut with appropriate pipe cutters (PEX, copper, etc.). Meter lay length is roughly 2.5-3.0" depending on preferred adapters based on your specific supply pipe material



Each water meter is labeled on the underside of the black enclosure with pre-programmed apartment address. On the underside of the white meter connection there is a small white arrow for direction of flow. Be sure to install meter in correct orientation.



Finally, once installed, check for leaks and plug the power adapter into a nearby outlet. The meters are ready to go!

## TOOLS NEEDED

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- Smart phone
- WiFi App

## PARTS NEEDED

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- None
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## INSTALL ROUTER/VERIZON MODEM

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**THE ROUTER AND MODEM COME TOGETHER AND ARE PRE-PROGRAMMED AND PLUG AND PLAY.**

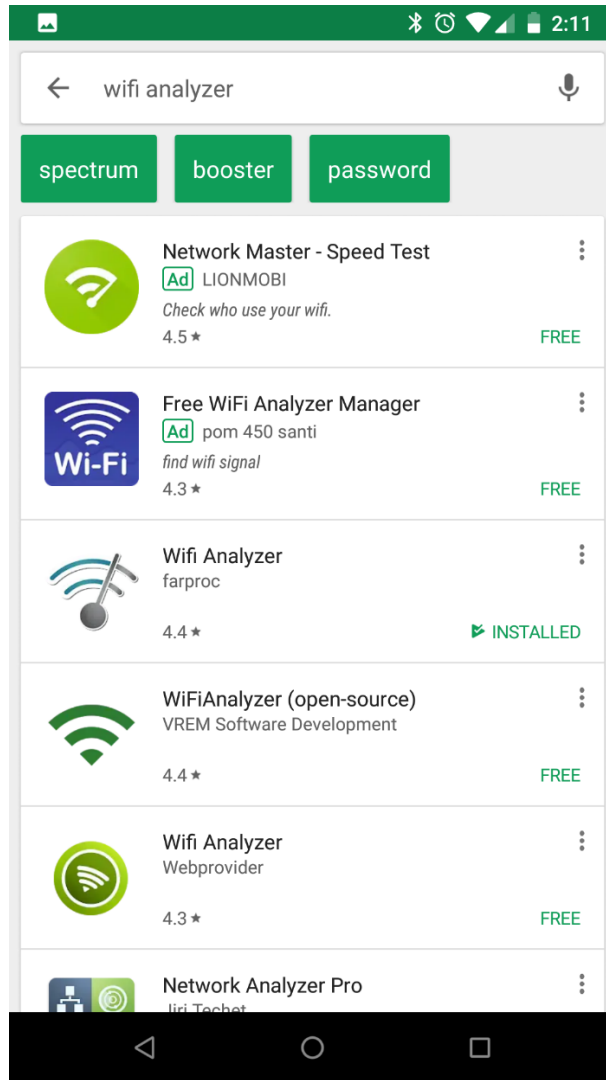


Just plug the router into a wall outlet in a common area, utility room or somewhere as discrete as possible. Some routers will look different. Once powered up check that all lights are lighting up. If you do not have cellular signal on your cell phone chances are the True Submeter modem does not have cellular connection either. *(Note: some of our routers look slightly different and are black, have different USB modems and antennas)*

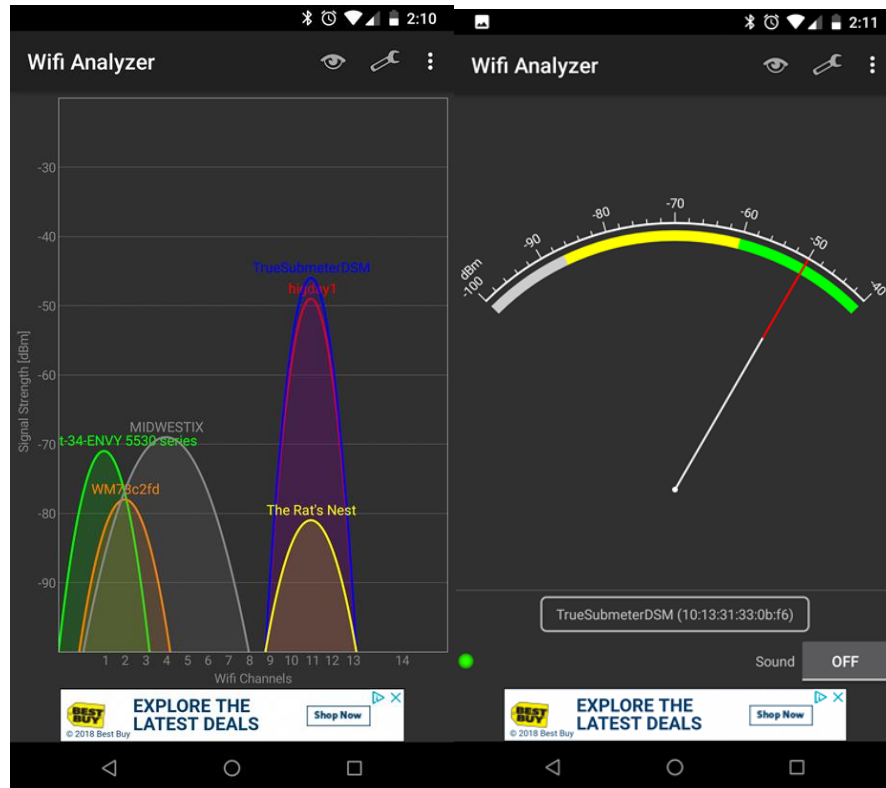
## WIFI ANALYZER APPLICATION

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**ON YOUR SMARTPHONE SEARCH FOR “WIFI ANALYZER” IN THE APP STORE. MOST ARE FREE.**



We use the Wifi Analyzer by Farproc (shows installed). All seem to work similar. Install one of them.



Most apps have multiple different screen options to choose from, swiping right or left will display all WiFi networks currently in range. Look to make sure one labeled in some variation of “TrueSubmeter, TS\*\*\*, True\*\*...” is showing up.

Next swipe over screens to find a screen similar to the one above. At the bottom of the screen is a box that has a drop down list of all WiFi networks in range, choose the variant of “TrueSubmeter, TS\*\*\*, True\*\*...” that you found in the previous screen. Now walk the property with your phone going and standing near the installed (or soon to be installed) flow meters. Watch what the signal pointer does. -40 is the best signal strength you can get. Our submeters will work up until about -89 dBm but -70 and better is preferred to get the strongest connection with the meters and router.

*Tip: Take notes of the wifi strength at each location and send us the results and we can help.*