



Works with Ohm Guide

EKM SPWM 1.5" Water Meter

This guide is designed to help you through installing Buddy Ohm hardware with your existing equipment, please reference your equipment's documentation for specific information.

The Buddy Ohm App is required to complete installation.



Before proceeding please read our
Pre-Installation Guide.

1 Wire the EKM SPWM 1.5"

The EKM SPWM 1.5" comes pre-wired for pulse output with a 2-wire cable coming from a black-colored sensor attached to the face of the meter.

The pulse rate is indicated on the face of the meter as shown in Figure 1.

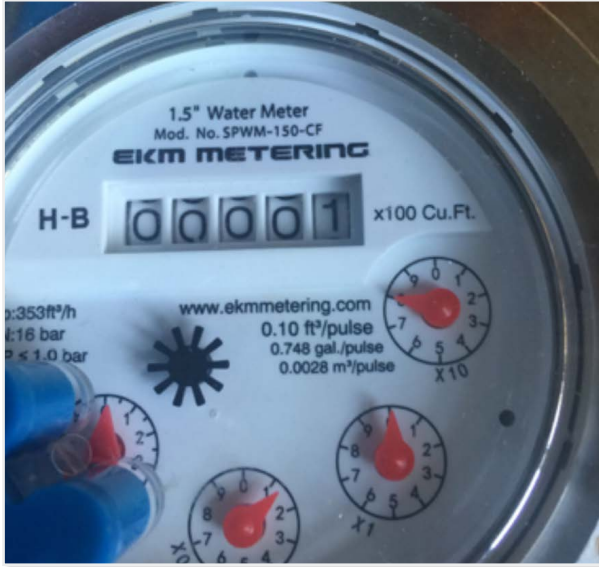


Figure 1

2 Wire the Ohm Device

You can choose to wire the EKM SPWM 1.5" into either an Buddy Ohm, a Ohm Link or a Ohm Sense.

For an Buddy Ohm or Ohm Link, terminate the wires from the EKM SPWM 1.5" in an RJ45 jack as indicated in Figure 2.

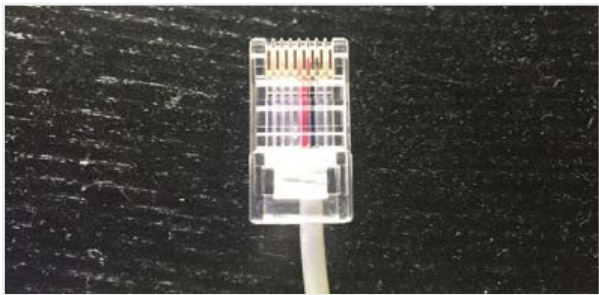


Figure 2

Then simply plug the jack into the RJ45 port on the Ohm or Link as shown in Figure 3.

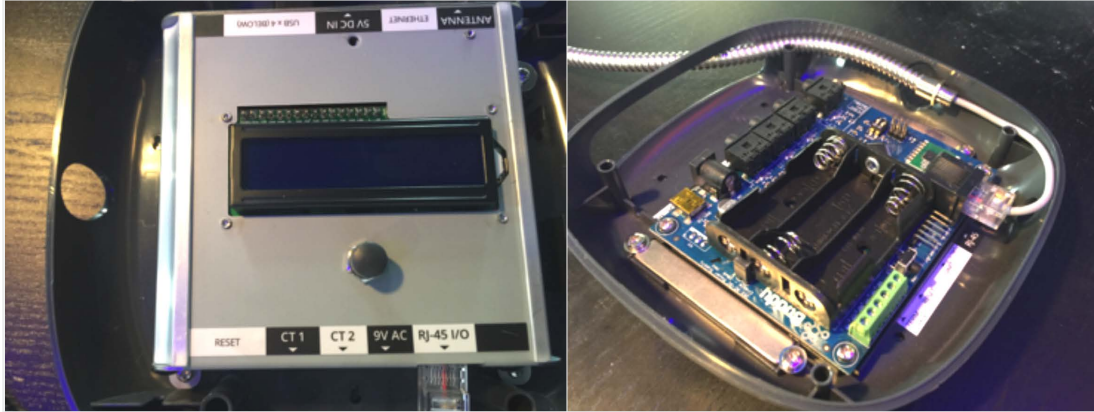


Figure 3

For a Sense, terminate the wires from the EKM SPWM 1.5" as shown in Figure 4.



Figure 4

3 Configure the Ohm device

Using the Buddy Ohm application on your smart phone or tablet, select the site and add the device (*Ohm, Link or Sense*). In addition to the standard information, add the pulse sensor with the correct pulse rate as shown in Figure 5 (*example of 10 pulse = 1 ft³ pulse rate*).

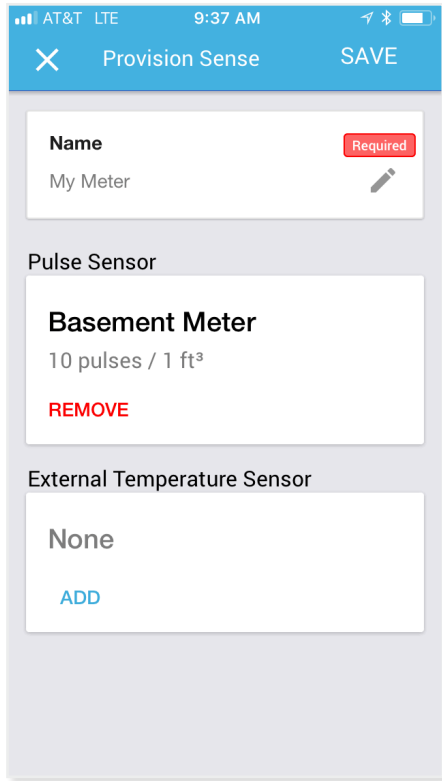


Figure 5

4 What you'll see on the Ohm Portal

Shortly after the Ohm device is configured on the Buddy Ohm mobile application, a feed and a related chart should appear as shown in Figure 6.

Depending on the frequency of the pulses, you may not see data until the next pulse is read and processed.

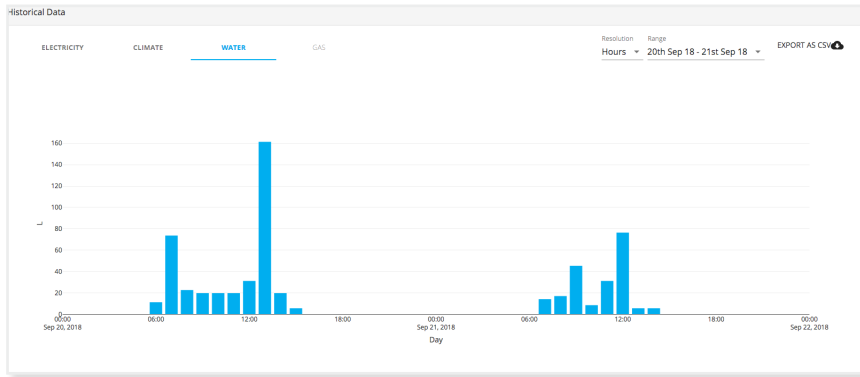


Figure 6 (Water Tab)

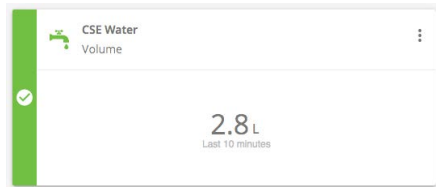


Figure 7 (Feed Card)

 Success!

You are now ready to start using Buddy Ohm!

Troubleshooting

If you haven't seen any pulse data on the portal in a timeframe where the meter should have sent some, try:

- Reboot the ohm device attached to the meter.
- Ensure that the Ohm device attached to the meter is within range of the Buddy Ohm (*hub*).
- Check to ensure that the device is wired correctly on both ends.
- Reconfiguring the Ohm device from scratch.

Using a voltmeter test whether the meter is producing a pulse.

Contact Support

Online: www.buddy.com/support

Email: support@buddy.com

Additional Documentation

Ohm Installation Guide

Ohm Portal User Manual

Ohm Product Specifications

Find additional documents and guides online, visit www.buddy.com/support.



For complete documentation on your *EKM SPWM 1.5" Water Meter* visit manufacturer's website:
<https://www.ekmmetering.com>