



WIRELESS SUB METERING SYSTEM - COMPARISON

Feature	H2Odegree	Other Vendor	Benefit
Radio frequency	2400 MHz	900 MHz	Neither frequency requires a radio license
Radio line of sight distance	1200 feet	2500 feet	
Network architecture	Mesh	Spoke and hub	Mesh more reliable
Radios	Transmit and receive	Transmit only	Installers get immediate feedback that radio joined and can reach the gateway
Power for water meter radios	Battery D cell	Battery DL123A cell	both use lithium 3.6 volt batteries
Power for water meter radios	Line power	not offered	Line powered, no battery replacement is required
Battery life	6 years	8 years	
Water Leak reports	Daily	not offered	Daily e-mail with actionable data to fix toilet leaks
Type of water meters supported	Pulse	Pulse	H2Odegree radio can handle 4 separate pulse meters
Type of water meters supported	Hall Effect	not offered	Toilet leak detection is available (gals, time, events)
Type of water meters supported	Encoded register	not offered	Very reliable used by most water utilities
Encoded register water meters	Allows dual connection	not offered	Connect to touch pad and a radio at the same time
Other meter types supported	Electric (pulse and serial)	Electric (pulse only)	Serial can provide amps, volts and kilowatts
Other meter types supported	Gas (pulse and ERTS)	Gas (pulse only)	ERTS provides ability to read utility gas meters
Other meter types supported	Thermostats (bi-directional)	none	Wireless can set heat and cool set points and limits
Other meter types supported	BTU meters	none	Great way to accurately bill for heating and cooling

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