Model
UWM

Ultrasonic Water Meter

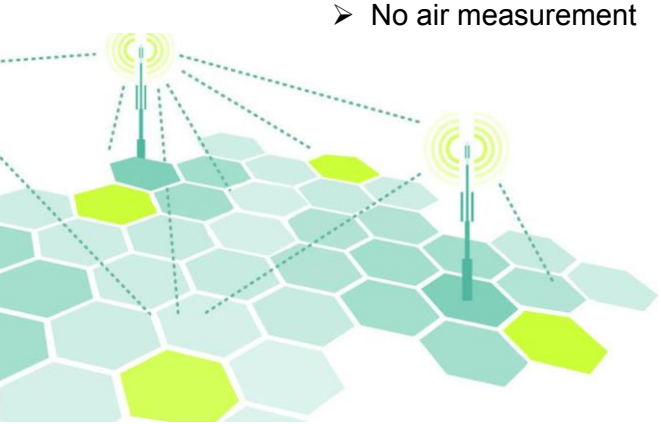
UWM is designed to measure the real flow rate and real water passing through the pipeline.

Standards Compliance

ISO4064:2014/ OIML: R49-2013

Feature:

- Ultrasonic water meter, No move part design
- Low starting flow rate
- Horizontal and Vertical installation
- High accuracy level, digital display (10 year battery)
- No air measurement



Long lifetime/stable Accuracy

With innovative design, UWM holds a lifetime of 10+ years. This features a maintenance-free quality in its full life time which can significantly reduce the management works of water supply companies.

Working Conditions

- Water temperature: ≤50℃ for cold water meter
- Water pressure:≤1.6MPa(16bars)

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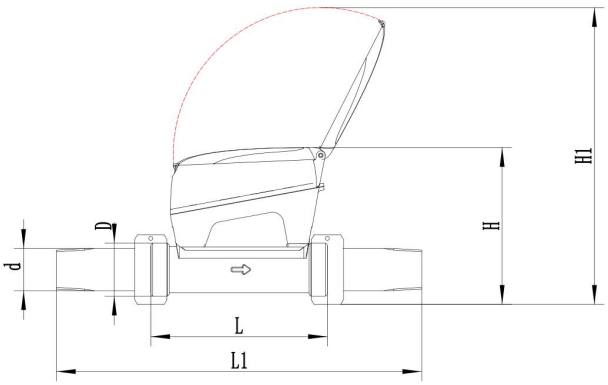
DN(mm)		15	20
Size(inch)		1/2”	3/4”
Q4(m³/h)		3.125	5
Q3(m³/h)		2.5	4
R250	Q2(1/h)	16	25.6
	Q1(1/h)	10	16
R400	Q2(1/h)	10	16
	Q1(1/h)	6.25	10
Battery		3.6V Li-battery	
EMC		E1	
Environmental Classification		M1	
Protection Class		IP68	
Max. Reading (m³)		99999	
Min. Reading (Liter)		0.01	
Max. Pressure (bar)		16	
Pressure Loss (△P)		63	
Max.Temperature		T50	
Communication technology		Wired M-bus Lora/LoraWan NB-IoT	
Pulse Output		1 or 10 or 100 liters/pulse	

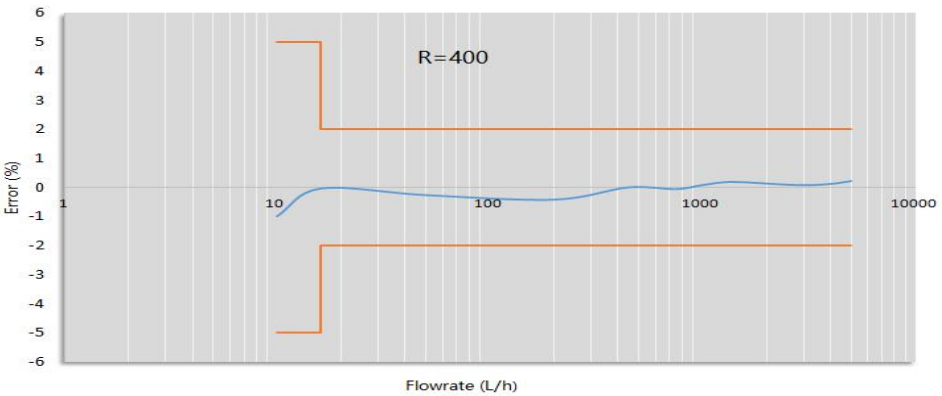
Dimension



DN(mm)	15	20
Size(inch)	1/2”	3/4”
Length(L)	110/165	110/190
Height(H)	94.2	97.5
Connecting Thread D	G3/4B	G1B

Maximum Permissible Error

- In the lower zone from Q1 inclusive up to but excluding Q2 is ±5%.
- In the upper zone from Q2 inclusive up to and including Q4 is ±2%.



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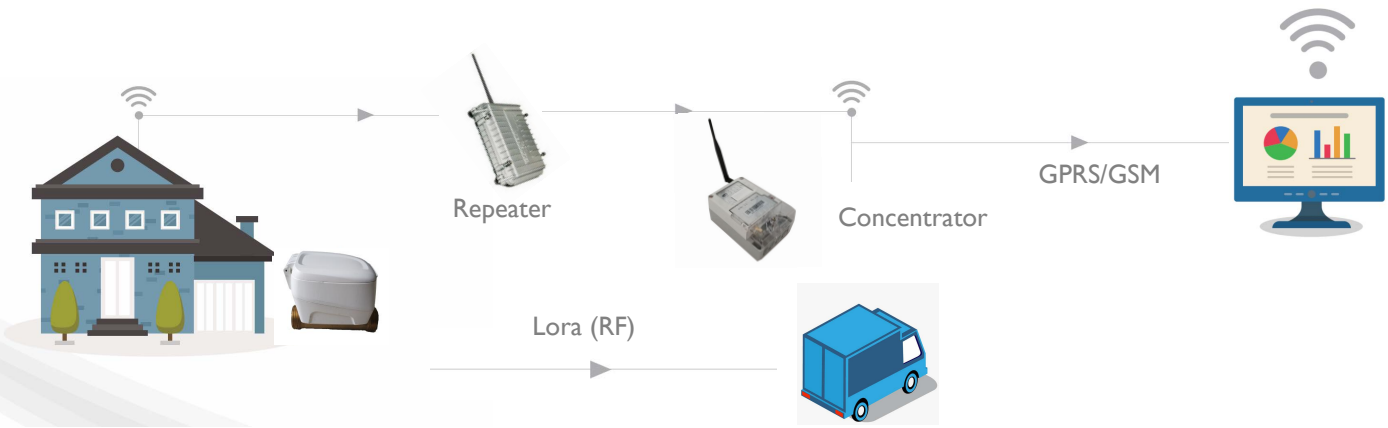
AMR Device

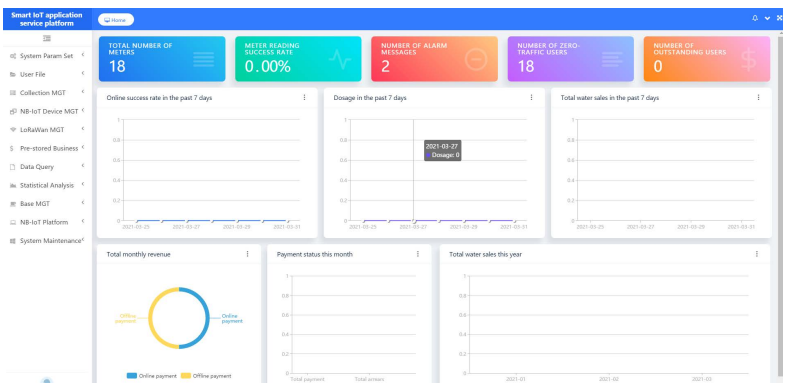
How to Collect data from water meters

Remote reading water meters adopt Lora technology for sending data to Concentrator, and and also could receive data walk by.

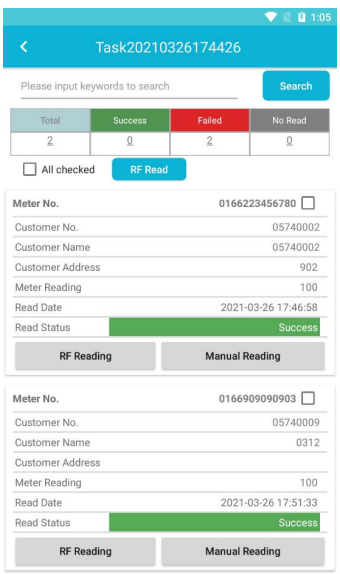


Data Management Platform

1. Data can be collected by Concentrator (Lora) and operated in Final management software



2. Data can be collected by Handheld and transferred to Final management software or other versions.



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