







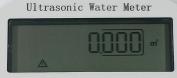
Smart Ultrasonic Water Meter

The packetSENSE Ultrasonic Water Meter is a robust and advanced solution for various applications that range from enterprise and industrial to residential. Featuring a durable stainless-steel body, it provides highly accurate flow rate measurements by analyzing the time it takes for ultrasonic waves to travel through water.

This versatile meter can handle a wide range of flow rates, including low flows, making it suitable for various industrial settings. What sets it apart is its maintenance-free design, ensuring consistent accuracy and reliability over extended periods of use.

Furthermore, this water meter can be equipped with both wired and wireless data communication interfaces, enabling seamless integration with data collection systems, concentrators, or network servers. This capability forms a comprehensive remote meter reading management system, empowering businesses to efficiently monitor and manage water consumption data for better decision-making and cost control.





H/V MAP16 IP68 Production date: 2020/12 Battery life: 6 years



 $Q_3 = 2.5 \text{ m}^3/\text{h} DN15 T30$ E2 Class 0 ΔP25 SN: 20121500000021



Features

- Self-diagnosis, Flow Sensor Alarm, Tempera-
- Low consumption design, providing over six
- Optic electric interface for direct reading with
- Optional stainless steel 316L for direct drink-
- Bi-directional measurement for both forward
- Intelligent alarms for abnormal water con-

Applications

- Water consumption monitoring and manage-
- Leak detection and reduction Water conservation and efficiency programs
- Smart City water management
- Real-time water quality monitoring
- Industrial and commercial water monitoring
- Water reservoir

Technical Specification

Max. Working Pressure	1.6MPa
Temperature Class	T30
Accuracy Class	ISO 4064, Accuracy Class 2, Optional Class 1
Body Material	Stainless SS304 (opt. SS316L)
Battery Life	Up to 5 years
Power Supply	Battery-powered that can continuously
	work for over five (5) years
Protection Class	IP68
Environmental Temperature	-40°C to +70°C, ≤100%RH
Pressure Loss	ΔP25, ΔP40 (Based on different dynamic flow)
Climatic and Mechanical	Class O
Environment	
Electromagnetic Class	E2
Communication	M-bus, RS485, LoRaWAN®
Display	9 digits LCD display volume
	Cumulative flow (m³, L, GAL), Instantaneous flow
	(m³/h, L/min, GPM) Power alarm, flow direction,
	output etc.
Connection	Thread
Flow Profile Sensitivity Class	U5/D3
Data Storage	Can store frozen data for 24 months (about 2
Frequency	years), and the data will be permanently saved
Diameter	after power failure
Range Q3/Q1	1-4 times/second
Q3	DN15: 2.5m3/h, DN20: 4.0m3/h



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