



Ultrasonic Water Meter

Features

- Ultrasonic metering, no mechanical wear and tear, with excellent reliability, stability.
- Pipe material 304 stainless steel
- Accuracy level Grade 2
- Application in pure water, direct drinking water measurement.
- Range ratio, R100/R125/R160/R20/R400
- Temperature grade T30/T50/T70
- Conform to national, GB/T778/ ISO4064
- With water drip, burst pipe alarm function.
- Communication interface diversity, MBUS/RS485/Pulse/LoRaWan/NB-IoT/Zigbee.

Application

- Entertainment facilities
- Shopping mall
- Utility metering
- Commercial building

Overview

HMW Ultrasonic water meter is designed to measure the real flow rate and real water passing through the pipeline.

Specification

Q_3 (m³/h) :

DN15:2.5, DN20: 4, DN25: 6.3,
DN32: 10, DN40: 16

Start Flow (L/h) :

DN15:2, DN20: 2, DN25: 3,
DN32: 5, DN40: 7

Meteorologic Class :

$Q_3/Q_1 = 100/125/160/200/250/400/500$

Accuracy :

Class 2

Pressure Stage :

DN15: MAP16, DN20: MAP16,
DN25: Pressure Loss, DN32: Pressure Loss,
DN40: Δp_{40} ,

Temperature :

T30/T50/T70; Default T30

Data Storage :

1 year of daily data storage, 24 months history data; (Customizable data storage mode according to customer requirements)

Power Outage Protection :

After a power failure, the accumulated flow rate recorded before the power failure and the corresponding time can be saved, and the metering function will be automatically restored after the power is restored.

Transmission :

Infrared/M-BUS/RS485/NB-IOT/LORA/
LORAWAN/Sigfox/Pulse

Power :

DC3.6V Lithium Battery

Protection Class :

IP68

Temperature :

-15°C to +55°C, < 90% RH

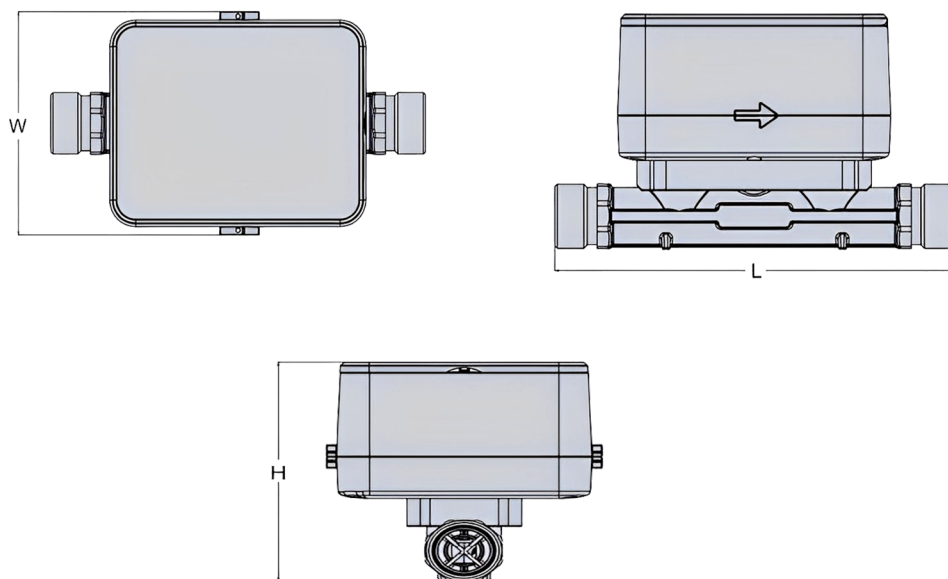
Installation :

Horizontal or Vertical

Durability :

-Life Period ≥ 6 years

Dimension



Diameter (mm)	DN15	DN20	DN25	DN32	DN40
Thread	G 1/2	G 3/4	G 1	G 1 1/4	G 1 1/2
L (mm)	116.5	116.5	116.5	116.5	116.5
L1 (mm)	165	195	225	180	200
H (mm)	96.5	96.5	107	110	115
W (mm)	96	96	96	96	96

Order Information

HWM -

DN15 : 15mm
DN20 : 20mm
DN25 : 25mm
DN32 : 32mm
DN40 : 40mm