



SMART ULTRASONIC WATER METER

The UWM is an ultrasonic smart water meter that wirelessly transmits meter consumption information and can be wirelessly paired with a shutoff valve. It uses IoT networks such as LoRaWAN, Sigfox and NB-IoT for consumption monitoring purposes.

CORE FEATURES

- Ultrasonic Class C Meter with Long Range Wireless communication (Sigfox, LoRaWAN, NB-IoT).
- Remote shut-on / off and/or prepaid functionality when paired with Lesira Smart Valve.
- Battery powered (16 years) and is field replaceable.
- Field Software upgradable via Radio.
- AMR Drive-by / Walk-by Capability.
- Automatic Detection & Notification of Tampers & Leaks.
- Data automatically exports to the municipal billing system or Lesira Portal.
- Magnetic Anti-Tamper.
- IP 68 rated

TECHNICAL SPECIFICATION

- Accuracy: Class C.
- Nominal Flow [Qp]: 1.5 m³/h.
- Minimum Flow [Qmin]: 15 L/h.
- Max Flow [Qs]: 3.0 m³/h.
- Maximum Operating Pressure: 16 Bar (1600 KPa).
- Pressure Class: P60.
- Hardware: Easily accessible Inlet Filter and 2.4" Screen – Large font, user friendly Graphical Interface.



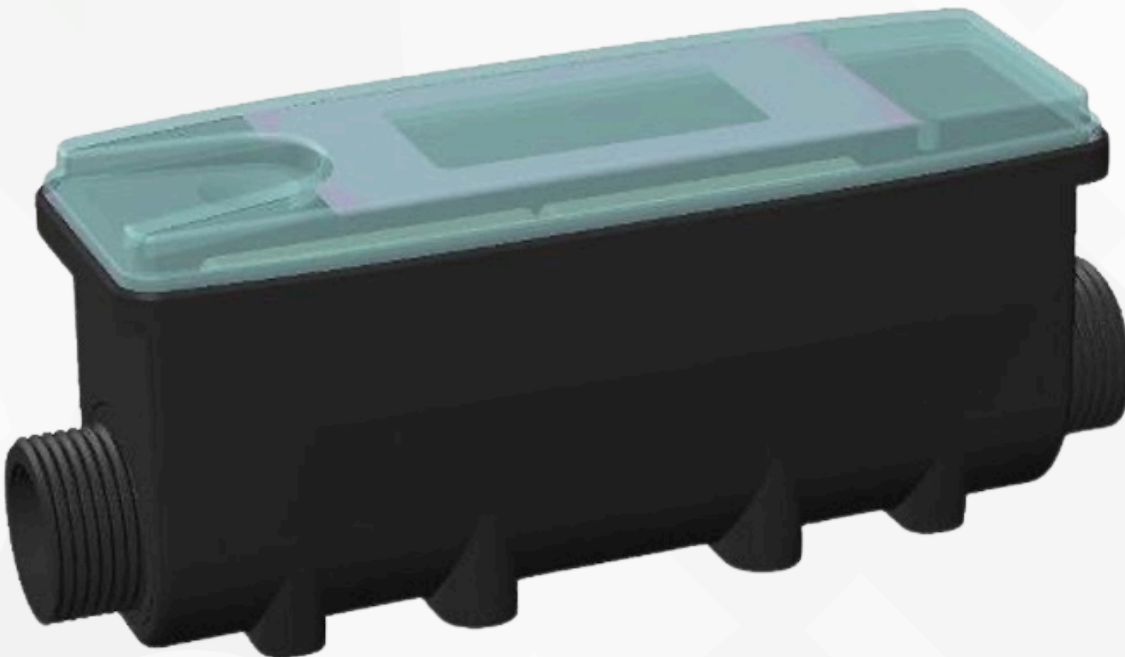


OPERATIONAL MODES

- Smart Postpaid Mode.
- Smart Water Dispenser (when paired with a Lesira smart valve).
- Smart Prepaid Mode (when paired with a Lesira smart valve).

BILLING MODE

- Tariff steps are determined on the meter in real-time.
- Meter resets cost structure at start of each month.
- Consumption viewed either monetary or volumetric.



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