

# Ultrasonic water meter QALCOSONIC W1 with NB-IoT communication

NB-IoT is a licensed spectrum band that guarantees less interferences and a long-range collection and transmission of data. This technology communication allows connection of only designated devices, which ensures high quality and stability of connection.

The use of the narrow-band internet allows connecting a high number of devices simultaneously, as each has a dedicated band (200 kHz).



## MORE TECHNICAL FEATURES:

- Supported network protocol: CoAP over UDP
- Frequency bands:
  - B1 @H-FDD: 2100MHz
  - B3 @H-FDD: 1800MHz
  - B8 @H-FDD: 900MHz
  - B5 @H-FDD: 850MHz
  - B20 @H-FDD: 800MHz (default)
- B28 @H-FDD: 700MHz
- MFF2 eSIM and plastic nano SIM cards supported
- 48 hourly values in one data telegram
- Immediate alarm transmission possible
- Estimated meter lifetime 12 years (with one daily transmission)

## MID APPROVAL AVAILABLE

Please contact your sales representative for more details.

## AXIOMA

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QALCOSONIC W1

Where  
**innovation**  
becomes  
**affordable**