



User Manual

Ultrasonic Flow Meter

Model No.: AES-UFM-001

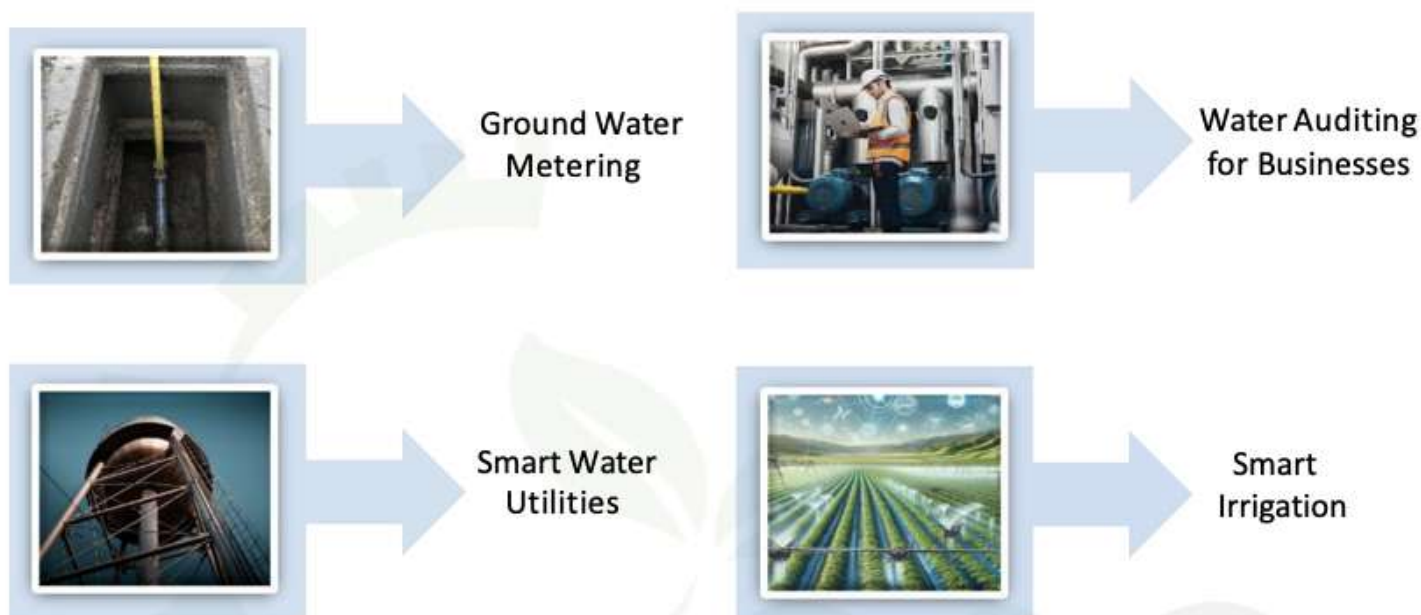


ALPHA ENGINEERING & SYSTEMS , NEW DELHI

About Ultrasonic Flow Meter

The ultrasonic flow meter is a cutting-edge water flow meter that blends the newest sensor technologies with the power of the Internet of Things. Its battery-powered features and integrated telemetry make it simple to control your water usage from anywhere, at any time. The Central Ground Water Authority's (CGWA) regulations are met by the meter, which has ISO 4064 certification.

Use-cases of Ultrasonic Flow Meter



Key Features



IP68



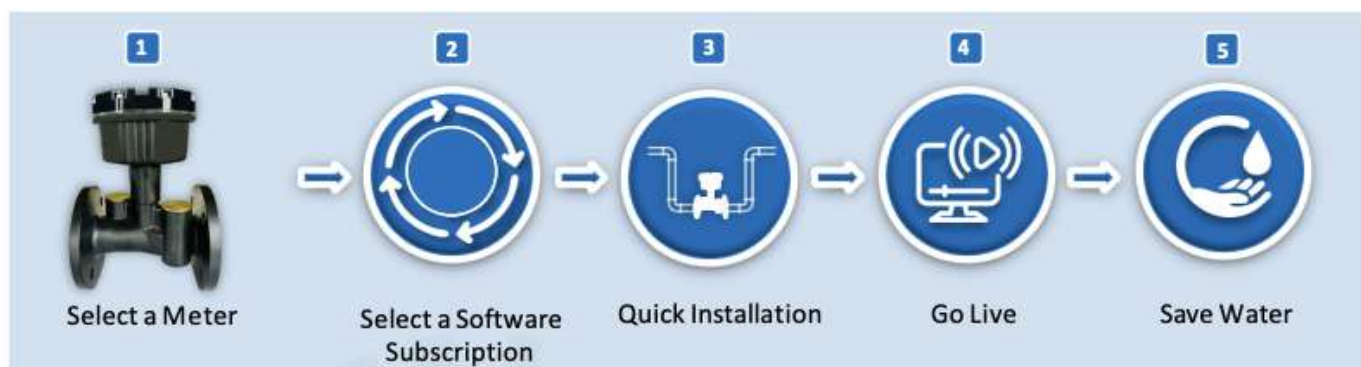
Battery operated



Inbuilt dual SIM



Smart register



Specifications

Product ID	MD6	MD24	MD63	MD99	MD249	MD399
Suitable pipe sizes	DN25	DN40, DN50	DN65, DN80, DN100	DN100	DN150	DN200
Minimum flow rate (m ³ /hr) (Q1)	0.1575	0.625	1.575	2.5	6.25	10
Maximum flow rate (m ³ /hr) (Q3)	6	24	63	99	249	399
Turndown ratio (R)	40					
Metering Technology	Ultrasonic transit time					
Power Source	2D size Li batteries					
Battery Life	3-5 years as per the network availability (with 3 transmissions per day)					
Communication	Inbuilt dual SIM (4G/GPRS)					
Display Parameters	LCD display with: flow direction, forward and reverse flow rate, cumulative forward flow, device ID					
Certification	ISO 4064: 2014					
Accuracy	As per ISO 4064, class 2					
Protection	IP68					
Materials	Cast Iron casing & ABS enclosure					
Data Transmission	Every 8hrs by default					
Data Storage	Secured cloud					
Data Access	Private access through mobile & web application					

Why Ultrasonic Flow Meter?

Description	Ultrasonic Flow Meter
Inbuilt telemetry	Yes
Accuracy	±2
Tamper proof	Yes
Maintainance	Low
Installation	Easy
Smart alerts	Yes
Online logbook	Yes





CONTACT US

 WH-70 MAYAPURI INDUSTRIAL AREA PHASE 1
NEW DELHI 110064

 9000-770-670

 sales@alphaengg.in

 www.alphaengg.in