kritsnam

presents

Dhaara Smart

CGWA Compliant

Remote Tracking

ISO 4064

Timely Alerts

SMART
WATER
MONIT0RING

Patented Technology (IP 358066)

About Dhaara Smart

Dhaara Smart is a new-age water meter that combines the power of IoT with the latest sensor technologies. The integrated telemetry and battery powered capabilities make it easy to manage your water consumption from anywhere and at anytime. The meter is ISO 4064 certified and complies with the guidelines of Central Ground Water Authority (CGWA)

Business use-cases of Dhaara Smart

Ground Water
Metering

Water Auditing for
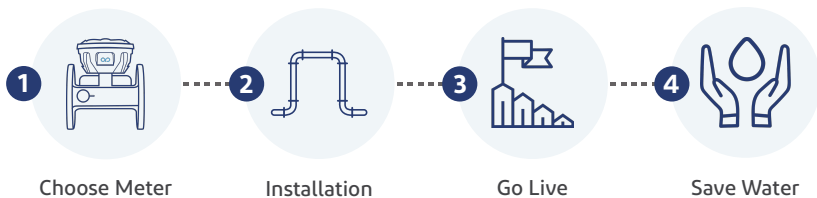Businesses

Smart Water
Utilities

Smart
Irrigation

Key Features

IP68 rating
all weather protection

Battery operated
no more wires!

Inbuilt 4G/GPRS
communication

Online logbook
no more manual errors

Why Dhaara?

Description	Manual Meter	Digital Meter	Dhaara Smart
Inbuilt telemetry	No	No	Yes
Accuracy	±5	±2	±2
Tamper proof	No	No	Yes
Maintenance	Very high	High	Low
Installation	Complicated	Complicated	Easy
Online logbook	No	No	Yes

Our Solution

At Kritsnam, we are collaborating with businesses that are ready to adopt scientific water management practices to achieve sustainability

1 Choose Meter **2** Installation **3** Go Live **4** Save Water

Data-driven digital water resources management

Whatever the size, we got you covered!

Diameters

Model	DN25	DN40	DN50	DN65	DN80	DN100	DN125	DN150	DN200
Inches	1"	1.5"	2"	2.5"	3"	4"	5"	6"	8"
Min flow rate (m³/hr) (Q1)	0.1575	0.400	0.625	1	1.575	2.5	4	6.25	10
Max flow rate (m³/hr) (Q2)	6.3	16	25	40	63	100	160	250	400

Technical Specifications

Technology

Metering	Ultrasonic Transit Time
Communication	Cellular: GPRS / 4G

Certification

Meterology	ISO 4064:2014 Performance Certificate
Ingress Protection	IP68

Display

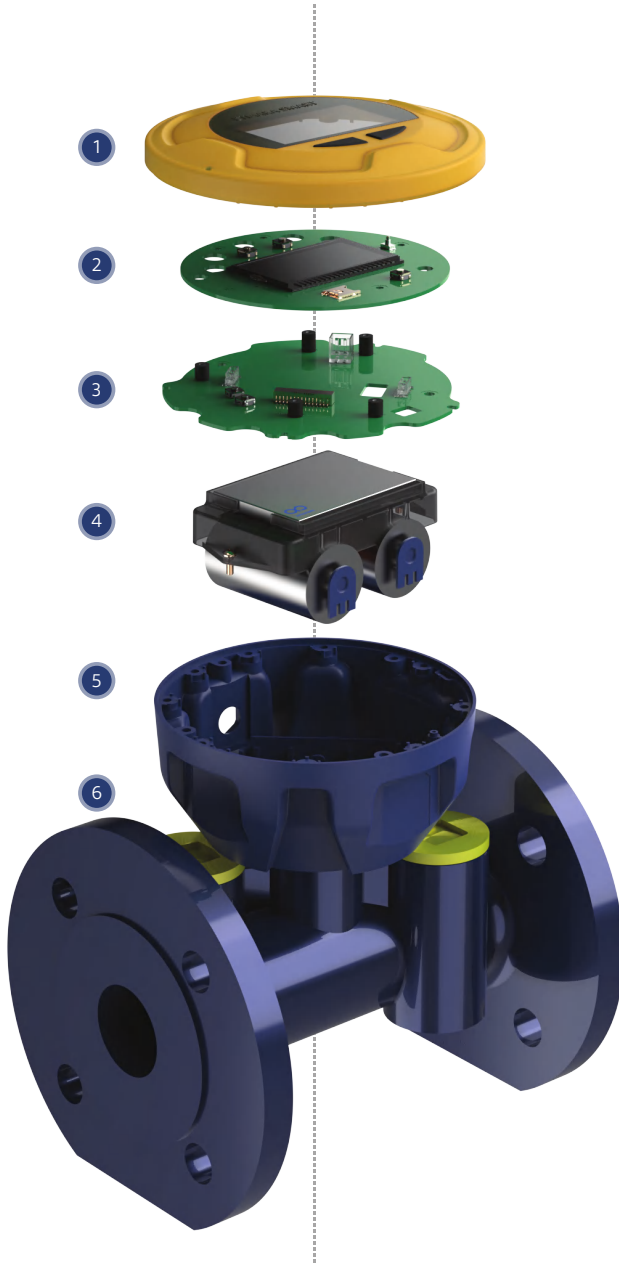|	
Display Type	LCD
Display Size	60 x 40 (35) mm

Power Supply

Source	Li - SOCl2 primary battery
Voltage	3.6 V
Capacity	38Ah
Life	3 years*

*3 years of battery life when data transmitted every 12hrs

Material of construction

Casing (Flow tube)	Cast Iron
Enclosure	ABS

Product Information

1. IP68 enclosure

All weather protection for deployments in diverse environmental conditions

2. Display Information

LCD Display of 60 X 40 (35) mm with black on grey illumination enhanced by direct sunlight.

3. Patented IoT

Low power, multi-intelligence, multi-protocol communication system - Patent granted

4. Long battery life

Long durable batteries for continuous data collection over the years.

5. Tamper proof design.

Suitable for governance purposes. Tamper alarms notify you the instructions.

6. Ultrasonic metrologic sensing

State-of-the-art flow sensing with auto event detection and auto signal calibrations.

About Dhaara Live

Dhaara Live is a digital application that allows you to view, track, and analyze your water usage. Business users can visualise data and make informed operational decisions that contribute to the enterprise's water goals.

Be vigilant of your
daily, monthly and yearly
water consumption

Customised reports
download & analyze

Timely alerts
over-usage & leaks

Remote tracking
water monitoring

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