

Smart Flow Monitoring Solution



DESCRIPTION

Arion smart flow monitor is an IoT based device to monitor the live* data on water flown & get the total flow rate by mounting it on the existing flow meter. Available data on desktop/laptop/Android & iOS mobile app.

TECHNOLOGY USED

- Rugged micro-controller with industrial grade components.
- Secured AWS Cloud based secure storage of data.
- MQTT protocol for secure communication of data.
- GSM/GPRS for data communication.
- IoT / LoRa based Technology corresponding to industry 4.0

Visualization, Benchmark & Compare Data on a Single Dashboard

- Live data of Flow Meter
 - Flow count
 - Total water Flown
 - Total water consumption
 - Total water Filling
 - Flow Capacity
- Live data on single dashboard
- Alerts of Max. & Min. flow count
- Reports
- Historical data for 1 year

Visualize Data in Real Time Data on a Single Dashboard

- No. of Flow meter device installed in your town
- Device Id
- Site name
- Time & Date
- Flow meter device basic details
- Flow meter device technical reading
- Device Communication break

* Live data means – Nearly live data.

*4-20 mA connectivity needed in existing flow meter.

Note : Technical specification and outer case subjected to change without notice.
Uninterrupted Internet Connectivity needed.