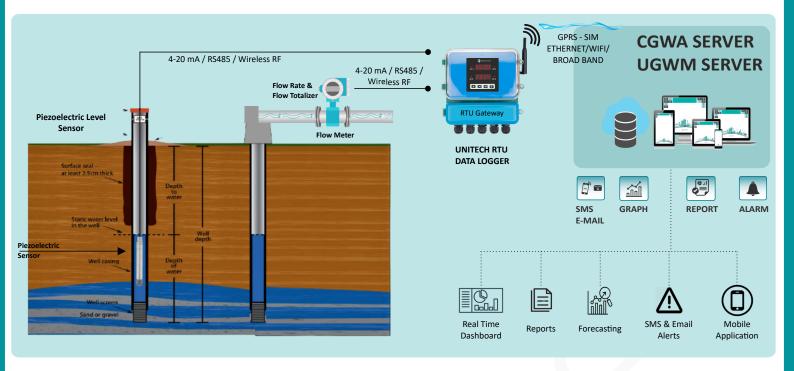
## **UT-2020**

# Telemetry System for Groundwater Monitoring as per Central Ground Water Authority (CGWA) NOC Guidelines





### **INTRODUCTION**

→ As per the latest CGWA guidelines, it's mandatory for industries extracting more than 10 cubic meter of water to get NOC and also install an IoT base flow and level Groundwater Monitoring systems.

# **UNITECH** is providing below solution for Ground Water Flow & Level Monitoring System.



### Piezoelectric Level Sensor

Cable Length: 10 Meter to 500 Meter lp68 Protected Sensor

4-20 mA DC & RS485 Communication



#### RTU Gateway

Input: 4-20 mA / RS485 Ip65 Protected Enclosure LAN / GPRS / SIM Wi-Fi



#### Flow Meter

Line Size : 1" to 8" Ip67 Protection

4-20 mA DC & RS485 Communication



#### **Cloud Server**

24 x 7 secured Cloud Server Data comm. with Timestamp Live Consolidated Dashboard

#### **FEATURE**

- Precise Measurement of Ground Water Level & Water Flow as per CGWA Guidelines.
- → 24 x 7 Real Time Monitoring of Water Flow, Temperature & Ground Water Level.
- Daily SMS & Email Alerts for Better Planning & Maintenance.
- ★ Ethernet, WI-Fi & Wireless RF Communication.
- ★ Automatic Server Base Data back feeling facility in RTU with 4 GB Memory.
- → Factory Calibrated Piezoelectric Sensor for Level Monitoring

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