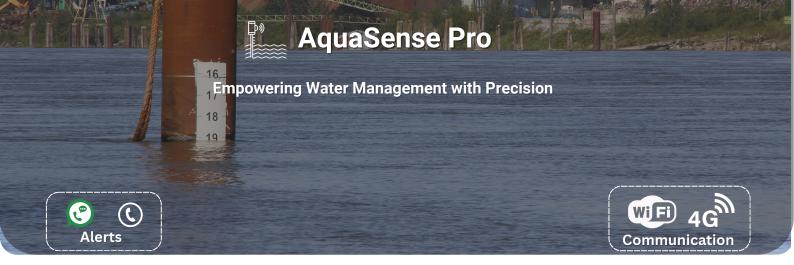


AQUASENSE PRO BT-AQ-13AG





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Product Overview:

The Telemetry Device for Underground Water Level Monitoring and Water Quality Analysis is an advanced system designed for remote monitoring of groundwater levels and water quality parameters. It offers a range of features including wireless data transmission, real-time analytics, and multi-channel alerting capabilities.

Key Features:

- 1. Wireless Groundwater Level Monitoring
- 2. Water Quality Data Transmission via Lorawan, Wi-Fi, and 4G
- 3. Dashboard Analytics and Alerts
- 4. RS485-Based Piezo Sensor for Water Level Measurement (Up to 200 meters)
- 5. Multi-Channel Alerting via SMS, WhatsApp, Email, Mobile & Web Notifications, and Voice Calls

Applications

- Groundwater Monitoring for Environmental Studies
- Water Resource Management
- Agriculture and Irrigation Management
- Industrial Water Usage Monitoring
- Flood Monitoring and Early Warning Systems

Technical Specifications

- Communication Interfaces: Lorawan, Wi-Fi (802.11 b/g/n), 4G LTE
- Sensor Type: RS485-Based Piezo Sensor
- Measurement Range: Up to 200 meters (Water Level)
- Data Logging Interval: Configurable (e.g., 5 minutes, 15 minutes, 1 hour)
- Data Transmission Interval: Configurable
- Power Supply: 12V DC (Solar Panel Compatible)
- Operating Temperature: -20°C to 70°C
- Storage Temperature: -40°C to 85°C
- Dimensions: 120 x80 mm

Data Management:

- Data is transmitted securely to the cloud-based server for storage and analysis.
- Access to data is protected by user authentication and encryption protocols.
- Data can be accessed through a web-based dashboard or API for integration with third-party systems.