



AGIoT-0080 is an energy autonomous integrated system for liquid level monitoring, both in open and closed systems. It consists of a data logging unit (node), a level measurement sensor and a photovoltaic panel. The node comes with 2G/4G/GPRS/EDGE/NB-IoT connectivity through a built - in SIM card. (which is provided with free of charge lifetime internet connection), while the user can access the meter data via the remote control and management software. From this software (in the form of a web app or app for Android mobile phones) the user can be informed on the latest measurements, historical data, weather forecast, control the system remotely, export data, set alerts and create automations. The system can be installed practically anywhere due to its small size, solar panel power supply and waterproof construction (IP67), while no specialized knowledge is required for its installation, as it has been designed with a plug-and-play architecture. In addition, it is possible to remotely restart the system or mobile network if an error is encountered.

Applications:

- Agriculture
- Fields
- Individuals
- Industries / SMEs
- Municipalities / regions
- Photovoltaic parks
- Research
- Weather monitoring
- Woodlands
(forest protection with fire risk assessment and fire detection)



Central Data Recording Unit

- Small size
- IP67 protection
- Connection to 2G/4G/GPRS/EDGE/NB-IoT mobile networks with free lifetime data with the integrated SIM card
- Plug & play
- Energy autonomous
- GPS for position tracing
- Anti-theft system (tracking and remote disabling)
- Integrated rechargeable battery
- Charging capability with power bank

DATASHEET
AGIoT-0080
level sensor





Photovoltaic Panel

Providing energy for
off-grid operation

Level sensor

- Protection Ip67
(dustproof and waterproof)
- Operating temperature: -40°C - +65°C
- Measured distances: from 30cm to 5m
 - Measuring step: 1mm
 - Standard accuracy 1%



Management Platform

- Monitoring of measurements
- Setting alerts
- Application for web & mobile devices



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