Water quality monitoring solution

Installed in one working day

No power wiring required

24/7 remote monitoring



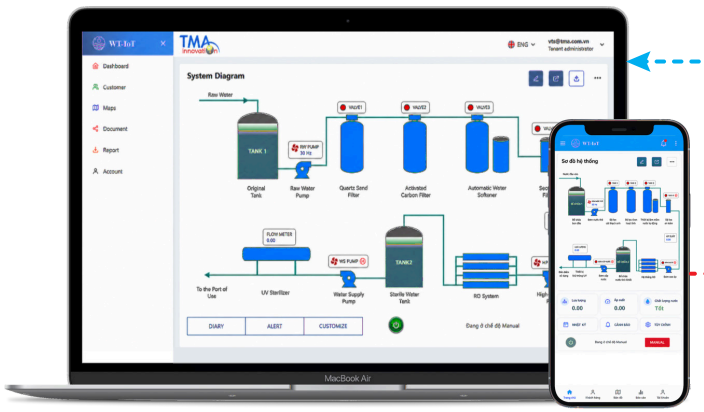
Data acquisition device



Support industrial protocol for sensors measuring:

- pH
- Turbidity
- Water level
- Water flow
- Dissolved oxygen (DO)
- Chemical oxygen demand (COD)
- Ozone concentration (O_3)
- Mixed liquor suspended solids (MLSS)

Remote monitoring software



Warning: Low DO
Current value: **3,2 mg/L**
Threshold: **≥ 4,0 mg/L**

Alerts when abnormal changes are detected

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Key features



Supports **industrial communication interfaces** for sensor inputs
(4–20 mA, 0–10 V, pulse)



Integrated **4G connectivity** and **GPS positioning** for easy data monitoring across multiple locations



Integrated **50,000 mAh** battery
SUp to **10 years without recharging**
(15-minute transmission cycle)



Battery charging with solar panels



Data storage & retrieval
Easily review history and compare data over time



Automated report generation
Save time compiling and preparing reports

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Applications



Aquaculture farms

Reduce the effort required for water quality checks and take timely action before it affects the farming cycle



Water treatment plants

Continuous monitoring, early anomaly detection, and reduced operational risks



Industrial plants

Monitor wastewater quality according to QCVN 40:2025/BTNMT circular 06/2025/TT-BTNMT



Hydropower dams

Monitor water levels and flow rates according to decree 53/2024/ND-CP and current regulations

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