



Wireless Remote Temperature Monitoring of Tanks with IOTSU® IMPACT Solution

IOTSU IMPACT product family-based solution allows for remote temperature monitoring of washing and rinsing agent tanks in industrial settings, eliminating the need for drilling into tanks or installing cables. Temperature is measured from the outside surface of the tank - even from several tanks at the same time.

Solution Features:

- External sensors for measuring temperature of the tank.
- Measurement device does not require a separate power supply or cabling.
- One application can be equipped with multiple measurement probes if needed.
- Long lasting battery – up to several years.



Measuring range:	-40 ... +125 °C
Mounting:	Outside surface of a tank
Sensor type:	External 1-Wire
Cabling length:	1 m, selectable
Network connection:	Wireless NB-IoT network

IOTSU® IMPACT N12 solution can be extended with additional services. We deliver complete package with Ready-to-go solution if needed. See next page for additional services.





Company: Small Data Garden Oy
Product name: IOTSU® IMPACT N12
Rev: 1.5_20thMay 2025

Expand Your Solution with Additional Services:

Real time Remote Monitoring and Alerts

Measurement data can be analysed and visualised clearly with IOTSU® Cloud solution in real time. Web based service operates without software installation. The service provides graphs and history data and with ability to set alarm thresholds and control commands. You can create new users and reports from a selected period.



Reliable and Secure Connection in Elisa's Network

Our solution operates with the IoT-connection provided by Elisa which guarantees reliable and secure data transmission. Elisa's network has extensive coverage across Finland and is suitable for demanding needs. In addition, Elisa's has broad international network of roaming partners in Sweden and other countries.



Pre-configured Device Solution

We can configure devices to your exact requirements with the measuring heads, cables and SIM cards installed and with settings programmed at our factory. This will significantly speed up deployment and reduce installation work at the site.



Need all this Ready to Go?

Choose Ready-to-go package where device, connection and visualisation create seamless package. You don't need to worry about configuring, installing or connecting. We provide whole solution ready for use.