



Property Data Collection and Control via Modbus Connection with IOTSU® IMPACT Solution

IOTSU® IMPACT N12 enables connection to RS485 based Modbus. It enables two-way data transfer between the building's actuators and the cloud service, collecting data from the actuators and sending control commands or other information back to the building automation system. This allows you to connect your existing system to the cloud.

Solution Features:

- Possibility for data collection and control over the Modbus connection.
- Can be used to wirelessly collect data from actuators to the cloud.
- Can be used to transmit control messages from the cloud to actuators such as controllers, valves or other automation.



Connection:	RS485 Modbus RTU
Operation mode:	Data collection or control
Operating environment:	Enclosed for demanding conditions
Power supply:	24 V, availability of battery backup
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: 1.2c_20th May 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.