

Bridging IoT and Automation to the Real World

IOTSU® IMPACT N12 is a smart bridge to connect any systems to the cloud.



IOTSU® IMPACT N12 Physical Interfaces

Possible external input options	<ul style="list-style-type: none">• Analog 0 – 10 VDC & 4 – 20 mA• Digital inputs 3.3/5/12 VDC• Pulse counter• RS485 Modbus RTU• 1-wire, I2C for external sensors
Possible internal measurement options	<ul style="list-style-type: none">• Temperature• Orientation/Acceleration• GNSS location
Possible output options	<ul style="list-style-type: none">• Potential-free digital output• Analog 0 – 10 VDC• RS485 Modbus RTU

IOTSU® IMPACT N12 is a secure smart bridge between physical systems and cloud. Use with IOTSU® indoor air quality room sensors to gain full benefits.



Automation, field devices and probes

Physical Interfaces



Long range secure wireless IoT connection to cloud



Indoor Air Sensors



Choose IOTSU® IMPACT N12 solution to take IoT benefits to a new level:

- Real estate ventilation & heating optimisation
- Monitoring water utilities and other infrastructure
- Energy consumption monitoring
- Connecting versatile probes & sensors

Contact us about our IOTSU® device solutions and join our satisfied customers and partners.

Small Data Garden delivers IOTSU® sensor solutions with long battery life, reliable connectivity and Nordic quality with a strong focus on service and care.

In addition to long range wireless air quality device solutions, we provide the smart IoT bridge based on NB-IoT/LTE-M connectivity.

IOTSU® solutions are suitable for real estate, utilities and other industries.

Built for distributors, service providers and customers:

- We are available to support you.
- Select what you need from compact plug-and-play devices to versatile multifunction device solutions.
- More battery capacity than other solutions.
- Configurations to meet your needs.
- Solutions for integration to automation and control.
- Ready-to-go package if needed.

Example use cases:



Data collection and control in buildings using Modbus



Tank temperature monitoring



Ventilation control with voltage data



Condition monitoring of electrical and fibre cabinets



Monitoring in demanding conditions



Condition monitoring with precision sensors



Remote monitoring of pumping sites



Monitoring of snow load on power lines

Our References:



10+

Years of Experience
in IoT Solutions

Small Data Garden is based in the Nordics. Our devices are designed and manufactured here for reliability and support. We operate with the transparency and reliability expected in B2B relationships.

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