



LoRaWAN – Starter Kit

Europe 868MHz

Your benefits

- Plug & Play Starter Kit for Self-Installation
Experience the full functionality of sonico NANO on the INFINIO platform.
- Powerful Duos
Measurable added value with sonico NANO combined with the INFINIO platform.
- Modern Meter Reading with LoRa
Gain insights into the power of LoRa technology and evaluate it risk-free.
- Easy Online Access
No technical knowledge required — access INFINIO easily through your web browser without any software installation.

Field of Application

- Fixnetwork (Smart Metering)
- Efficient reading of water and gas meters without access to the property

Properties

- No on-site reading or drive-by necessary
- Detect unusual consumption patterns promptly within 24 hours
- Detect backflow and backflow volume as well as stagnant water promptly to prevent water contamination
- Notifications in the event of leakage detection within 24 hours
- Notification in the event of unusual water and ambient temperatures
- Optimize connection values/size with annual flow profile and input for network planning optimization/savings

Application

Installation:

The LoRaWAN Starter Kit can be installed independently and easily thanks to Plug & Play and clear instructions. It is recommended that you first put the kit into operation on your own premises to familiarize yourself with how it works. Our support team is always on hand to provide assistance if required.

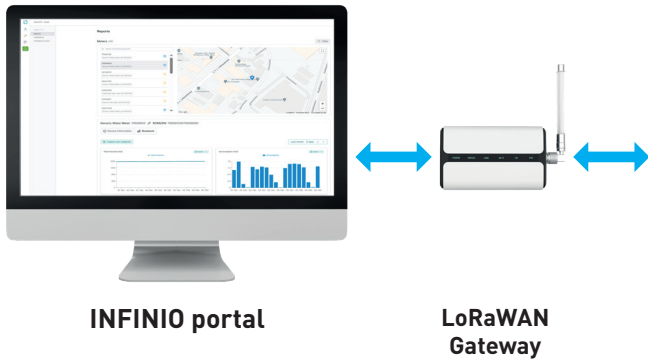
Data analysis:

The INFINIO platform provides immediate access to all consumption data, which can be recorded and analyzed in real time. The starter kit includes 6

Options

- Sonico NANO
- Sonico EDGE with radio module RCM-H200
- MTKcoder with radio module RCM-H200
- BGZcoder with radio module RCM-H200
- Extension of INFINIO access after 6 months

COMPONENTS



sonico NANO



Precise Measurements:

Accurate low-flow and leakage detection through innovative ultrasonic measurement technology.

Flexible Communication:

Connectivity to LoRaWAN or wMBus, integration into INFINIO.

Sustainable:

Robust design, update-capable, long-lasting.

Applications & Diameters:

For cold water supply up to 50°C, ideal for precise consumption measurement and smart metering.

COMPATIBLE PRODUCTS

In addition to the Sonico NANO, other products can also be configured with the starter kit:

MTKcoder with radio module RCM-H200



- **Mechanical precision:**
Exact 1-liter resolution for reliable, mechanical consumption recording.
- **Maintenance-free:**
No battery, easy installation, durable materials.
- **RCM®-H200 radio module:**
Plug&Play, 15-year battery life.



BGZcoder with radio module RCM-H200



- **Precise gas meter:**
1-liter resolution for accurate consumption recording.
- **Modular and future-proof:**
Multi-protocol interface, simple retrofitting.
- **Maintenance-free:**
No battery, plug & play installation without parameterization.
- **RCM®-H200 radio module:**
Plug&Play, 15 years battery life



Sonico EDGE with radio module RCM-H200



- **Precise measurements:**
Flow rate from 0.02 m³/h to 90 m³/h (DN50) with GWF 4D technology®, robust against installation conditions.
- **Robust design:**
Minimal pressure loss, IP68 protection class, for maximum resistance.
- **Flexible applications:**
For drinking and process water in sizes from DN50 - DN300, ideal for demanding installations.

