

NSnappy® Kide LWEU-N

Temperature transmitter

NSnappy Kide is a wireless temperature transmitter designed for installation in refrigerating rooms, freezers, storage facilities, display cabinets, drawers or any other application that requires constant temperature monitoring.

The smart installation rack for the Kide transmitter makes it quick and easy to carry out calibration and battery changes. Calibration visits or changes to the program are not needed.

The response time of temperature measurement is adjustable between 15-300 minutes.



Applications



Commercial kitchens



Industry



Construction

Product highlights

- Smart installation rack for easy calibration changes
- High measurement accuracy
- The lifetime of the battery is several years
- Adjustable response time



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Radio connection (LWEU models)

Description	LoRaWAN standard, EU 868 MHz frequency range
Transmitter module	Murata ABZ-093 LoRaWAN modem
Antenna	Internal
Compatibility	Nokeval NSnappy Hubs and Cloud Service
Frequency	863-870 MHz (LoRaWAN 1.0.2 EU band)
Power	Max +14 dBm E.R.P.
Range	Depends on environment, indoors: in good conditions up to hundreds of meters, outdoors: line-of-sight up to 10 km

Dimensions

Dimensions	91 x 68 x 31 mm, including Kide-Dock 86 x 68 x 26 mm, without Kide-Dock and bumper domes
Weight	136 g + 12 g Kide-Dock

Temperature measurement

Sensor	Internal high-accuracy semiconductor temperature sensor
Measuring range	-30...+60°C
Accuracy	±0.2°C (-30...+60°C) typical ±0.3°C (-30...+60°C) maximum
Measuring interval	15 minutes, default setting. Configurable between 5 - 120 minutes.
Response time	Channel 1: 15 minutes to 90% Channel 2: Configurable 90% response time of 30, 60, 120, 180, 240 or 300 minutes

Power supply

Type	2 pcs LR6 (AA 1.5 V alkaline). For the best battery life, use high quality batteries.
Battery life	5 years minimum with 15 minute data transmission interval and default settings with good radio link

Environment

Storage conditions	-40...+70°C, without batteries, non-condensing
Operating conditions	-30...+60°C
Protection class	IP67
Enclosure material	ABS+PC, black, withstands mild acidic and basic solutions