

DATA SHEET

LoRa-Gateway-230V
SKU: 911131238

FEATURES

- Long Range
- LTE CAT-M1 / NB-IoT / 2G
- 230V external power supply



OVERVIEW

The LoRa-NRG-Gateway with wM-Bus, Cat-M1 or NB-IoT interface is designed to collect and transmit precise and reliable measurement data. The device is suitable for use in residential and commercial buildings. Even in areas with difficult reception conditions for wM-Bus and/or LTE, the LoRa-NRG-Gateway delivers outstanding performance.

The LoRa-Gateway significantly extends the range of data collection by connecting a large number of LoRa sensors over long distances. The LoRa-Gateway is powered by an external or internal power supply unit.

All transmitted data is encrypted according to the highest security standards to ensure data privacy and security and to preserve the anonymity of the collected information. The flexible configuration enables variable intervals, allowing the duration of use to be customised.

PLACE OF USE

- Indoor
- Residential and commercial buildings

TARGET GROUP

- Measurement service providers
- Housing management
- Planner

UNIQUE SELLING POINT

- LoRa-Gateway-230V with variable backend service

TECHNICAL DATA

MICROCONTROLLER/PROCESSOR

Processor	High-performance processor
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ADDITIONAL PROPERTIES

Data sources	External LoRa sensors
Control elements	2x button

INTERFACES

LTE Frequencies/Bands	GPRS, GSM, LTE Cat.M1, LTE Cat.NB2
WiFi Frequencies/Bands	IEEE 802.11b/g/n 2,4 GHz-Band
868MHz/LoRa Frequencies/Bands Transmission power	max. 20,5dBm 868MHz

MECHANICAL STRUCTURE

Dimensions	tbd.
Protection class housing	Protection against dripping water and dust in damaging quantities
Material	tbd.

POWER SUPPLY

Voltage VDC (internal)	24VDC $\pm 30\%$
Voltage VAC (external)	230VAC
Current consumption I _{max}	1A
Power consumption P _{max}	4W