



NETWORK PRODUCT

BRUNATA NET GATELTE

MONITOR THE CONSUMPTION ONLINE WHETHER YOU ARE AN ADMINISTRATOR OR A RESIDENT

Brunata Net GateLTE is a data collection unit that sends recordings from meters to Brunata 24/7 all year round via the mobile network.

BRUNATA NET

GateLTE is part of Brunata's radio network, Brunata Net, which sends the meters' recordings to Brunata. Brunata Net can be installed in all properties, and contains a GateLTE as well as one or more GateReceivers.

STANDALONE OR WITH SEVERAL GATERECEIVERS

In smaller properties, GateLTE can stand alone and act as a GateReceiver at the same time. In larger properties, additional GateReceivers can be connected to GateLTE by cable. This allows data to be collected from even more meters. The cable provides power to the GateReceiver and transmits data from the GateReceiver to the GateLTE. Up to 20 GateReceivers can be connected.

A GateReceiver can receive data from up to 8,000 different meters, including heat cost allocators, water meters and energy meters. The only requirement is that the meters must send wM-Bus telegrams of 868 MHz or Brunata's own telegram standard of 434 MHz.

FLEXIBLE INSTALLATION

GateLTE can be set up in all types of properties. With a SIM card, it sends data directly to Brunata's servers via the mobile network, and therefore it can be set up anywhere the mobile network covers and supports LTE. GateLTE must be connected to 230V, and can receive and forward data every 15 minutes 24/7.

TRACK THE METERS ONLINE

Once Brunata Net is installed in a property, the property's meters can be monitored via Brunata Online. With Brunata Online both administrators and residents have the opportunity to monitor the consumption of water and heat online for example, as well as the indoor humidity. The administrator can also set up various alarms, so you can see if there are signs of leakage in pipes or moisture problems for example.



WHY

- Have the meters read without disturbing the residents
- Avoid spending time and resources on coordination and planning with respect to meter readings
- Track property metering data and consumption online
- Allow residents to track their consumption online

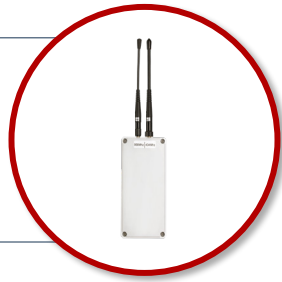
FACTS

- Has three antennas: one for receiving wM-Bus 868 MHz, one for receiving Brunata's IMR 434 MHz and one for transmitting data over the mobile network
- Can collect data from up to 20 GateReceivers - The GateReceivers are connected by cable
- Sends data to Brunata's servers, as standard, every 12 hours
- Easily placed in stairwells, attics, basements, tool shed or similar
- Power supply is available in two versions: a plug for a socket or a cable for an external



NETWORK PRODUCT

BRUNATA NET GATELTE



TECHNICAL INFORMATION

COMMUNICATION

Transmission:	LTE via mobile internet
Frequency band:	QuadBand:GSM 800/850/900/1800/1900 MHz
Standard upload:	Every 12 hours - can be changed by agreement
SIM card:	A SIM card is required and provided by Brunata

COMMUNICATION - RECEPTION

Protocol:	Wireless M-Bus, frequency 868 MHz (protocol type C1 and T1), and Brunata IMR (version 1 and version 2) frequency 433.92 MHz
Reception:	Time Division Multiplexing (i.e. both protocols can be received simultaneously)
Range:	Dependent on local conditions

POWER SUPPLY

Two versions:	Built-in cable with plug for socket or external power supply (required when connecting multiple GateReceivers)
Supply voltage:	12-30 VDC
Power consumption:	< 1 W

DESIGN

Weight:	384 gr.
Dimensions for box without antennas:	162 mm x 81 mm x 57 mm
Antenna length:	160 mm
Display:	Diodes indicate reading result

ENVIRONMENTAL REQUIREMENTS

Storage temperature:	-20°C to 55°C
Operating temperature:	-0°C to 45°C
Humidity:	Max. 90% RH

OTHER

IP class:	040
CE conformity:	2004/108/EC 1999/5/EC 2006/95/EC