Brunata Net GateReceiver

- Do you want your meters read without disturbing the residents?
- Do you want to avoid spending time and resources on coordinating and planning meter readings?
- Do you want to monitor the 's meter data and consumption online?
- Do you want to give the residents the opportunity to monitor their consumption online?

Get the consumption registered with Brunata Net without visits to every flat in the building.

Brunata Net GateReceiver is a radio receiver which can receive data from up to 8,000 different meters, including heat cost allocators, water meters, energy meters, etc. The only requirement is that the meters must transmit wM-Bus telegrams in 868 MHz or Brunata's own telegram standard in 434 MHz.

Brunata Net

GateReceiver is part of Brunata's radio network, Brunata Net. Brunata Net can be installed in all buildings. It contains one or more GateReceivers as well as GateLAN or GateGPRS.

The GateReceivers receive data from the meters and transmits data to GateLAN or GateGPRS, which transmits the data to Brunata's servers.

Flexible installation

GateReceivers can be installed in any type of building. It is recommended that GateReceivers are placed in corridors or lofts, where they can receive data from the largest number of meters.

The GateReceiver needs to be connected to GateLAN or GateGPRS with a cable. The cable provides power to the GateReceiver and allows the GateReceiver to transmit data to GateLan or GateGPRS.

In some buildings more than one GateReceiver must be installed to receive data from all the building's meters.

Monitor the meters online

When Brunata Net has been installed in a building, the building's meters can be monitored online in WebMon and WebMon Visual, which form part of Brunata Online. WebMon and WebMon Visual allow both administrator and residents to monitor for instance the consumption of water and heating as well as the interior atmospheric humidity online. The administrator can also set up various alerts to be notified of indications of leaking pipes, humidity problems, etc.

Facts
- Has two antennas: one for receiving wM-Bus 868 MHz (protocol type C1 and T1) and one for receiving Brunata's IMR 434 MHz
- Can collect data from up to 8,000 meters
- Is easily installed in corridor or loft
- Must be connected by cable to a master – either Brunata Net GateLAN or Brunata Net GatePRS

Brunata

Technical information

Communication

Protocol: B-bus, Brunata protocol

Cable type: 2 x 2 conductor, twisted in pairs Ø 0.6 mm

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: Depends on local conditions

Power supply

Power supply: Brunata Net cable

Supply voltage: 12-30 VDC

Power consumption: <1 W

Design

Weight: 257 g

Dimensions of box without antennas: 162 mm x 81 mm x 57 mm

Antenna length: 160 mm

Environmental requirements

Storage temperature: -20 °C to 85 °C

Operating temperature: -0 °C to 65 °C

Atmospheric humidity: Max. 90 per cent RH

Other

IP class: 40

CE conformity: 2004/108/EC
1999/5/EC

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