

Egain Gateway

Egain Gateway G3

Egain Gateway G3 has a high performance Wireless M-Bus receiver module that supports C1 and S1 and T1 mode. The Long range and high sensitivity are achieved by using the newest technology for radio transmitters, in combination with excellent low noise preamplifiers.

Egain G3 Gateway has integrated antennas for GSM/3G and wM-Bus connectivity with cloud based services. The Gateway have wM-Bus connectivity for a large number and variety of wM-Bus sensors and meters. For larger installations the G3 included antenna can be changed to our bigger external antenna for even further enhance the range between meters and the Gateway.



FIELD OF USE

Apartment and housing co-operations, older buildings, museums, historical buildings.

- Getting control of your building
- Collecting wireless M-Bus sensors and meters
- Increasing energy efficiency and comfort used for heating.
- Metering and billings systems for energy and water consumption.

MOUNTING

Wall mounted in apartment, stairway, attic or heating central. For improved range mount medium high in the building or in the heating central. Powered with 100-240 VAC. Must be installed by an educated electrician.

WIRELESS M-BUS

Standards	EN 13757-3/4 OMS 4.0.2
Modes	C-mode, T and S mode.
Capacity	1000 sensors or meters
Frequency	868.3 AND 868.95 MHZ
Sensitivity	-112 dBm S, -109 dBm T/C
Receiver Class	2
Antenna	External

GSM

Sensitivity	-107 dBm
GSM/3G	850/900/1800/1900/2100 MHz
Sim Card	Embedded SIM
Antenna	Internal

GENERAL

Power Supply	100-240 VAC/ 50-60 Hz
Directive	CE Approval 2014/53/EU Radio Equipment Directive.
RoHS	2011/65/EU
Temperature	-400 / +850
Material	Light grey, PC
Enclosure	IP67
Cable Gland	M16
Size (WxHxD)	130 x 130 x 50
Weight	320 g
Disposal notes	When disposed of, the Egain Gateway shall be recycled and not disposed with domestic waste.

MAIN FUNCTIONS

Measurement of data in buildings, indoor temperature, humidity, energy, capacity and water usage.

- Operates stand alone and connects over the GSM/3G Network
- Supports on-line live data
- Wide operating range and coverage without repeaters
- Extended range with repeater Egain R2, R3, R4
- Secure operation and plug and play activation via QR code
- 230VAC Power supply included
- Requires no batteries or extra external antennas

PERFORMANCE

The G3 device uses a high-performance Wireless M-Bus receiver module that supports S1 and C1 and T1 mode. Long Range and high sensitivity are achieved by using the latest technology in radio transceivers, this is combined with superb low noise pre-amplifier. The performance in an urban environment where there are lots of radio disturbances from mobile phones, is guaranteed using high performance filtering.