

Egain M-Bus Master

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Egain M-Bus Master is the easiest way to get your wired M-Bus meters connected to the cloud service Egain Edge.

The M-Bus master have wired M-bus connectivity for up to four M-bus slaves. The data collected from the M-bus devices is transmitted to the Gateway/ Hub with wireless M-bus instantaneously to give you high resolution data.



FIELD OF USE

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

- Collecting wired M-Bus sensors and meters
- Getting control of your building
- Metering and billings systems for energy and water consumption.

MAIN FUNCTIONS

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

- Converts Wired M-Bus to Wireless M-Bus.
- Capacity of four Wired M-Bus loads.
- Reading M-Bus slaves every 5th minute.
- Transmission in C-mode and S-mode
- High security with encrypted communication
- Easy installation
- Secure operation and plug and play activation via QR code
- 230VAC Power supply included
- Requires no batteries or extra external antennas

WIRED M-BUS

Standards EN	13757-2/3
Capacity	Four standard M-Bus loads (6mA)
M-Bus baud rate	2400 Baud
Reading frequency	Every 5th minute

WIRELESS M-BUS

Standards EN	13757-3/4 OMS 4.0.2
Transmission	C-mode every minute S-mode every 5th minute
Frequency	868.3 AND 868.95 MHz
Encryption	AES128 according to mode 5
Antenna	Internal

GENERAL INFORMATION

Power Supply	100-240 VAC/ 50-60 Hz
Directive	CE Approval 2014/53/EU Radio Equipment Directive.
RoHS	2011/65/EU
Temperature	-40°C / +85°C
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 M-Bus Master shall be recycled and not disposed with domestic waste.

PERFORMANCE

The M-Bus master device uses a high-performance Wireless M-Bus transmission module that supports S1 and C1 mode. Long Range are achieved by using the latest technology in radio transmission.

MOUNTING

Wall mounted in apartment, stairway, attic or heating central. Powered with 100-240 VAC. Must be installed by an educated electrician.