

# WebdynEasy W M-Bus 868MHz











Wireless gateway for the telemetry of heat cost allocators

The WebdynEasy W M-Bus 868MHz hub is designed for wireless networks using wireless M-Bus radio technology. Its main functions are the standalone collection of data from meters or wireless M-Bus sensors. The ease of installation will allow you to be efficient in the field immediately. This new product works on battery with an autonomy of up to 10 years.

After an easy configuration, deployment can start automatically or with a magnet. It can be run remotely and it uploads the files to an FTP/s server using NB-IoT, LTE-M or GSM.



## Main Features

					
NB-IoT/LTE-M GSM	Wireless M-Bus	Battery	Wallmount	DIN rail (optional)	IP67
					
Plug & Play	Remote configuration	FTP/s	Data encryption		

■ HARDWARE ■ SOFTWARE

## Strengths & Benefits

- Plug & Play Energy
- Autonomous
- Battery life up to 10 years
- NB-IoT, LTE-M or 2G network
- Compatible with W M-Bus equipment on the market (T1, S1, C1)

## Applications

- Reduced maintenance costs
- Optimised energy efficiency
- Anticipated multi-fluid consumption

# Specifications

## WebdynEasy W M-Bus 868MHz

**Cat M1:** B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85

**Cat NB2:** B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28/B66/B71/B85

**GSM/EDGE:** 850/900/1800/1900 MHz

**W M-Bus 868 MHz radio interfaces (EN13757-4 standard):** T1, S1, C1 modes

## Interfaces

- NB-IoT, LTE-M or 2G connectivity
- Wireless M-Bus 868 MHz

## Connectors

- 1x internal SMA connector: wireless M-Bus 868MHz
- 1x internal SMA connector: LTE/4G
- 1x mini USB connector
- 1x terminal block: external 12V power supply
- 1x miniSIM card holder

## Characteristics

- Internal battery
- Status LEDs
- Wallmounting with DIN rail (optional)
- External antenna
- DC input: 7.2V lithium-ion battery
- Consumption: 5W max.
- Temperature range: -20 - 55°C
- Storage temperature: -20 - 70°C (-20 - 25°C with battery)
- Humidity: 25-75%
- Dimensions: 160x150x55mm
- Weight: 600gr. with battery
- Certifications: RED, RoHS, REACH

# Architecture



# Software Features

- Plug & Play
- Remote configuration
- FTP/s protocol(s)
- Data encryption

# References

## PRODUCTS

- WebdynEasy W M-Bus 868MHz, battery, power supply **WG0612-A02**

The equipment may vary from the description in this document. Webdyn reserves the right to make changes to the product(s) and or information contained herein without notice. This document may not be considered as a contract specification.

# WebdynEasy W M-Bus 434MHz












Wireless gateway for the telemetry of heat cost allocators

The WebdynEasy W M-Bus 434MHz hub is designed for wireless networks using wireless M-Bus radio technology. Its main functions are the standalone collection of data from meters or wireless M-Bus sensors. The ease of installation and configuration via Bluetooth BLE will allow you to be efficient in the field immediately. This new product works on battery with an autonomy of up to 10 years.

After an easy configuration, deployment can start automatically or with a magnet. It can be run remotely and it uploads the files to an FTP/s server using NB-IoT, LTE-M or GSM.



## Main Features

 NB-IoT/LTE-M GSM	 Wireless M-Bus	 BLE (optional)	 Battery	 Wallmount	 DIN rail (optional)	 IP67
 Plug & Play	 Remote configuration	 FTP/s	 Data encryption			

■ HARDWARE ■ SOFTWARE

## Strengths & Benefits

- Plug & Play Energy
- Autonomous
- Battery life up to 10 years
- Simplified installation and deployment with BLE
- NB-IoT, LTE-M or 2G network
- Compatible with W M-Bus equipment on the market (T1, C1 434MHz)

## Applications

- Reduced maintenance costs
- Optimized energy efficiency
- Anticipated multi-fluid consumption

# Specifications

## WebdynEasy W M-Bus 434MHz

**Cat M1:** B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B26/B27/B28/B66/B85

**Cat NB2:** B1/B2/B3/B4/B5/B8/B12/B13/B18/B19/B20/B25/B28/B66/B71/B85

**GSM/EDGE:** 850/900/1800/1900 MHz

**W M-Bus 434 MHz radio interfaces (EN13757-4 standard):** T1, C1 modes

## Interfaces

- NB-IoT, LTE-M or 2G connectivity
- Wireless M-Bus 434 MHz
- Bluetooth low energy

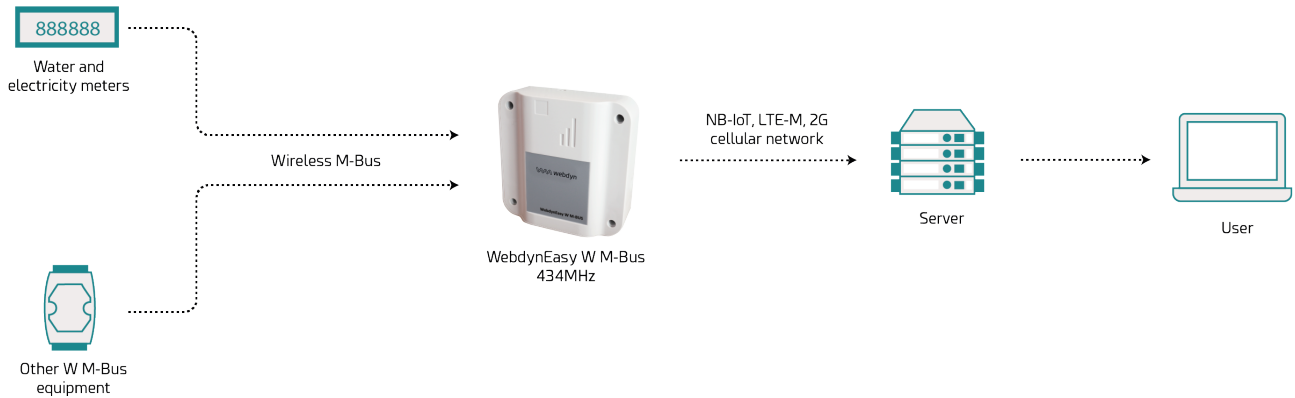
## Connectors

- 1x internal SMA connector: wireless M-Bus 434MHz
- 1x internal SMA connector: LTE/4G
- 1x mini USB connector
- 1x terminal block: external 12V power supply
- 1x miniSIM card holder

## Characteristics

- Internal battery
- Status LEDs
- Wallmounting with DIN rail (optional)
- External antenna
- DC input: 7.2V lithium-ion battery
- Consumption: 5W max.
- Temperature range: -20 - 55°C
- Storage temperature: -20 - 70°C (-20 - 25°C with battery)
- Humidity: 25-75%
- Dimensions: 160x150x55mm
- Weight: 600gr. with battery
- Certifications: RED, RoHS, REACH

# Architecture



# Software Features

- Plug & Play
- Remote configuration
- FTP/s protocol(s)
- Data encryption

# References

## PRODUCTS

- WebdynEasy W M-Bus 434MHz, BLE, battery, power supply **WG0612-A13**
- WebdynEasy W M-Bus 434MHz, without BLE, battery, power supply **WG0612-A03**

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