



Description

The WMBus Gateway is a compact and portable data collector designed to gather metering telegrams from up to 100 smart meters within a 0.15 km radius.

It is compatible with Axioma and Kamstrup water meters and supports any smart meter using the WMBUs protocol.

The gateway offers multiple connectivity options, including 4G (LTE), NB-IoT, and WiFi, ensuring versatile communication capabilities. For data transfer to the head-end system, it adapts to various protocols such as MQTT, HTTP, TCP, and CoAP/UDP.

Suitable for both static installations and mobile data collection, the WMBus Gateway is an efficient solution for smart metering needs.

WMBus Gateway

Data Concentrator

Technical Specifications

Processor	: 32 Bit, 80 MHz ARM
Memory	: 16 MB Flash / 300 KB SRAM
Storage	: 1 MB (Expandable with uSD)
Timekeeping	: RTC with NTP Synchronisation
Connectivity	: WiFi + Options - 4G with Fallback 2G & NBloT
Interfaces	: WMBus IN865 / EU868 / US915
Protocols	: MQTT(S), HTTP(S), CoAP, FTP & TCP/IP.
Antenna	: Rubber Duck
Power	: 12-30V DC
Configurable	: Ping Intervals, Log Intervals & Server End Points.
Datalogging	: Online & Offline.
Mounting	: DIN Rail / Wall Mount.
Protection	: IP65 / IP68.
Temperature	: 10 to 60 Deg Cel.
Certifications	: CISPR 32, IEC61000-4-2, IEC61000-4-11.

