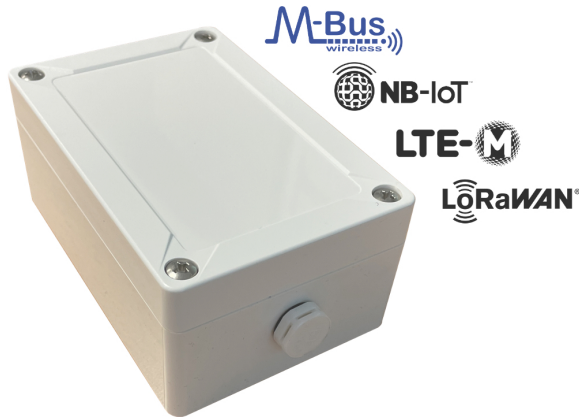


LOB-GW-HYB-WMBUS

Wireless M-BUS Gateway V3



Product Identification



Type	LOB-GW-HYB-WMBUS
Name	Wireless M-Bus Gateway V3
Order number	#8000162

Datasheet & Quickstart

Please see [PDF Files](#) ().

Latest Firmware

Please see [Firmware Downloads](#).

CE Declaration of Conformity

Please see [PDF Files](#).

Battery Lifetime Calculator

Please see [Online Calculator](#)

Differences to Wireless M-Bus Gateway V2 (LOB-GW-WMBUS-NB2)

All features are backwards compatible.

Hardware related changes:

- wMbus receive sensitivity increased by ~10%
- wMbus receive power consumption reduced by ~ 50%
- Plugable internal Antenna
- Recommended battery changed to compatible SAFT LSH-20
- Optional SD-Card storage (not used in Firmware yet)

Anbindung an das Smart Meter Gateway ()

- [SMGW Anbindung](#) ()

LED Patterns

The device has 3 three LEDs (B, G, R = Blue, Green, Red), labeled STATUS:

- Patterns during booting/restart:
 - B and R on: Device is in Bootloader Mode (not actively running, remove config adapter press reset to leave Bootloader Mode).
 - G on for ~2s and off again: Device just booted, either after power on, reset b button or software, or after a hard failure.
 - R flashes repeatedly on and off in 1s interval: critical failure during boot (failed to start application).
- Patterns during normal operation:
 - B flashes 1s on and 1s off in loop: building LTE connection to mobile provider. Followed by:
 - Short G flash on success.
 - Short R flash after connection failed.
 - There are no patterns during normal LoRaWAN operation.

- Exceptional patterns:
 - / Quickly changing between R & B and G & B every 5s in a loop: Modem is in connection restriction mode - keep device on power, will fix itself after 30min.