

SWAN2-C NB IoT Gateway



Product description

The SWAN2-C is an investment-friendly and powerful battery-powered gateway that uses the new LTE Cat. NB1 technology to securely transmit up to 250 wireless M-Bus / OMS meters to an IoT platform.

The SWAN2-C is equipped with two 3.6 VDC lithium batteries (C-cells), which, depending on the configured collect & upload frequency, enable an operating time of more than 10 years.

The SWAN2-C impresses with its simple and intuitive handling during configuration and commissioning. Using the WEPTech Configurator APP (Android), all relevant parameterizations can be carried out quickly and safely via the NFC interface of the SWAN2-C - even by non-technicians. Alternatively, it is possible to transfer predefined profiles from a smartphone or by remote configuration via HTTP/S and/or LwM2M.

The available wireless M-Bus meters are selected via the "Radio Scan List" function. A configurable filter can be used to exclude unwanted meter manufacturers and device types in advance, so that only the relevant meter data is processed, which is then forwarded by the SWAN2-C gateway via UDP /HTTPS or LwM2M to the desired IoT platform.



Features:

- 3GPP licensed technology
- Internal antenna
- Wall / pole mounting
- Dimensions: 160 x 90 x 50 mm
- Weight < 400 g
- IP 67 enclosure, UV resistant
- Ideal for smart metering
- Deep building penetration
- Usage within the temperature range: -20 – +55 ° C
- wM-Bus mode S, T and C (868 MHz)
- OMS 3.x and 4.x compliant
- Wired Interfaces: L-Bus, RS-485 (on demand)
- LTE bands 3, 8, 20
- Supported protocols: UDP, HTTP/S, LwM2M
- Micro SIM card holder, eSIM
- Firmware update via NFC or FUOTA
- Configuration via NFC & Android APP