

Product description

The SWAN2 is a wall or pole mounted, battery operated gateway and directly links up to 250 (depending on device variant) wireless M-Bus-devices to the cellular network using the new LTE Cat NB1 technology and additionally/ optionally supports the wired interfaces L-Bus or RS 485.

Provisioning takes place using a NFC interface, thus allowing to use your smart phone during installation.

The same holds for the process of firmware update. In addition, remote configuration and FOTA (Firmware-Over-the-Air) can be performed over NB1 soon.

The OMS 3.x and 4.x compliant wireless M Bus interface operates at 868 MHz and supports mode S, T and C, frame formats A and B.

SWAN2 supports LTE bands 3, 8 and 20. The following protocols are supported: UDP, HTTP/S, LwM2M.



Features:

- 3GPP licensed technology
- Wall / pole mounting
- Internal antenna
- Dimensions: 160x 90 x 50 mm
- Weight < 400 g
- IP 67 enclosure
- Ideal for smart metering
- Deep building penetration
- Low power consumption
- Usage within the temperature range: -20 – +55 ° C
- WM-Bus mode S, T and C
- 868 MHz
- OMS 3.x and 4.x compliant
- Opt. L-Bus, RS-485
- LTE band 3,5, 8, 20
- Supported protocols: UDP, HTTP/S, LwM2M
- Micro SIM card holder, eSIM
- Firmware update via NFC or FOTA
- Configuration via NFC