

## Product description

The SWAN II is a wall or pole mounted, battery operated gateway and directly links up to 100 wireless M Bus devices to the cellular network using the new LTE Cat NB1 technology and additionally/optionally supports the wired interfaces L Bus, RS 485 or 2x Pulse.

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 FUTOA can be performed over NB1 soon.

The OMS 3.x and 4.x compliant wireless M Bus interface operates at 868 or 915 MHz and supports mode S, T and C, frame formats A and B.

The gateway is available in two versions, one for LTE band 3, 5, 8, 20 and one for band 28.

The following protocols are supported: UDP, CoAP, LwM2M, MQTT SN, D TLS.



## 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 or 915 MHz
- OMS 3.x and 4.x compliant
- Opt. L-Bus, RS-485 or 2xPulse
- LTE band 3,5, 8, 20 and 28
- Supported protocols: UDP, CoAP, LwM2M, MQTT-SN, D-TLS
- Micro SIM card holder, eSIM
- Firmware update via NFC or FOTA
- Configuration via NFC