



EMI Norwegian HAN

Real-time measurement and reporting of power consumption

The EMI Norwegian HAN is an external meter interface customized to Norwegian power meters. It is compatible with all Norwegian electricity meters with an enabled HAN interface. The EMI Norwegian HAN is powered by the HAN interface and uses very little energy.

The EMI Norwegian HAN collects information and readings from the meter, and the data is then sent via ZigBee communication to a gateway. The collected data can be visualized in an app or on a website. Besides energy awareness, the data can be used for advanced load-shifting.

Key features are:

- Compatible with Norwegian HAN interface
- ZigBee Home Automation 1.2 compliant

Easy integration

The EMI Norwegian HAN is easily installed and integrated. It just needs to be plugged into an installed electronic meter. Data collected from the EMI Norwegian HAN can be communicated to a ZigBee gateway. The ZigBee profile ensures a high level of security in order to protect personal data and prevent hacking. The HAN Interface is OTA upgradeable, which increases the longevity of the product.



No installation cost
Secure communication
Can be used for load-shifting



EMI Norwegian HAN - Technical Specifications

General

Dimensions (W x D x H)	30 x 90 x 18 mm
Color	White
Cable length	800 mm
Power supply	Supplied by the HAN interface

RF Performance	Sensitivity: -94 dBm @ 1% PER Output power: +8 dBm
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Environment	Operation temperature 0 to +50°C IP class: IP40 Relative humidity 5% - 85%, non condensing
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Functions

Meter reading	Connecting electricity meters via RJ45 connector (ISO/IEC 8877)
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Interfaces	Norwegian HAN interface Hardware: Based on EN 13757-2 Software: Based on IEC 62056-7-5
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Communication

Wireless protocol	ZigBee Home Automation 1.2
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Certifications

Conforming to CE, RoHS and REACH directives ZigBee Home Automation 1.2 compliant
