D E V E L C O P R O D U C T S



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:

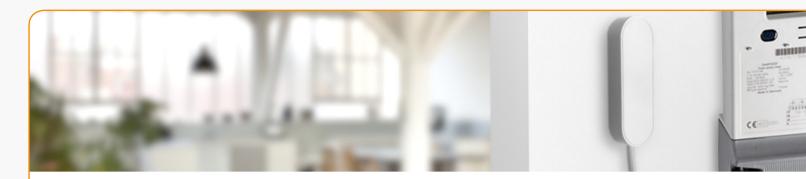
- Compatible with Norwegian HAN interface
- ZigBee Home Automation 1.2 compliant

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

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EMI Norwegian HAN - Technical Specifications

General	
Dimensions (W \times D \times H)	30 x 90 x 18 mm
Color	White
Cable lenght	800 mm
Power supply	Supplied by the HAN interface
RF Performance	Sensitivity: -94 dBm @ 1% PER
	Output power: +8 dBm
Environment	Operation temperature 0 to +50°C
	IP class: IP40
	Relative humidity 5% - 85%, non condensing
Functions	
Meter reading	Connecting electricity meters via RJ45 connector
	(ISO/IEC 8877)
Interfaces	Norwegian HAN interface
	Hardware: Based on EN 13757-2
	Software: Based on IEC 62056-7-5
Communication	
Wireless protocol	ZigBee Home Automation 1.2
Certifications	Conforming to CE, RoHS and REACH directives
	ZigBee Home Automation 1.2 compliant

