Eva Meter Reader

The Meter Reader connects to your AMS electricity meter through the HAN port, and reads your power consumption in real time. Connected to your Smart home it gives you real time updated overview of your power consumption.

Universal AMS power meter support

Meter Reader supports all known AMS electricity meters, including Aidon, Kamstrup and Kaifa.

The new standard for Meter Reader

Included battery makes Over The Air upgrading effortless and reporting of Power consumption can be tuned to any desired interval. OTA capabilities in combination with powerful processor ensures future compatability to new power meters and changes to existing power meters in installations remotely.
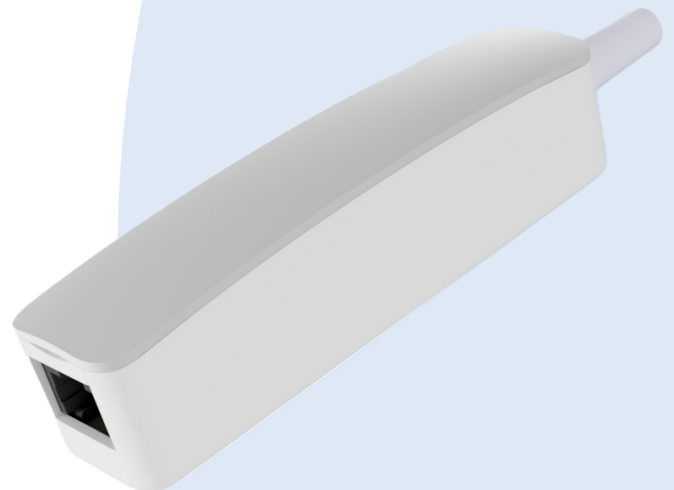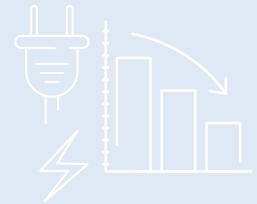
Extra strong antenna

Meter Reader is supplied with extra strong external antenna for maximum radio coverage. An optional external antenna can be connected instead of the supplied antenna in installations where additional radio coverage is required.

Zigbee 3.0 certified

The Meater Reader is Zigbee HA and 3.0 certified and will connect to any Smart home system supporting Zigbee 3.0 and HA 2.1.

Home. Connected.

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Specifications

Ratings	
Operating voltage:	3V
Primary power supply:	42V DC provided from HAN meter reader interface additional 3V DC battery (backup)
Secondary power supply:	CR 123 battery for specific tasks such as OTA upgrades.
Local Communication Options	
Radio Protocol:	Zigbee 3.0, supports HA 2.1
Frequency:	2400-2483,5 MHz (IEEE 802.15.4)
Transmission power:	18 dBm
HAN connection:	Cabled to HAN port RJ45
Environment	
IP Class:	IP20 (Indoor use)
Operational temperature:	0 to +40 °C
Shipping/storage temperature:	-20 to +45 °C
Humidity range:	0 to 90% R.H.(non-condensing)
General	
Dimensions:	L:42 x W:25 x H:75 (with antenna 102) mm
Upgrade method:	OTA (Over The Air)
Supported meters:	Aidon, Kaifa, Kamstrup. Other meters upon request
Features:	More powerful (external) antenna possible Adjustable transmission power up to 18 db Internal temperature sensor
Compliance:	CE EN 13757-2 M-Bus
Customization:	Enclosure color Top label design and color LED design and color Other form factors and enclosures
Typical use:	Monitoring of power consumption to trigger actions in the home

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