



## Electricity Meter Interface 2, P1

### Real-time measurement and reporting of power consumption

The Electricity Meter Interface 2, P1 is an external meter interface customized to power meters with a P1 port.

This Zigbee end device is compatible with most electricity meters with an enabled P1 port and is powered by the P1 interface and uses minimal energy.

The Electricity Meter Interface 2, P1 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:

- Compatible with a P1 interface
- Low energy consumption
- Zigbee 3.0 certified

### Easy integration

The Electricity Meter Interface 2, P1 is easily installed and integrated. It just needs to be plugged into an installed electronic meter.

Data collected from the interface 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 Electricity Meter Interface 2, P1 is OTA (over-the-air) upgradeable, which increases the longevity of the product.



**No installation cost**  
**Secure data communication**  
**Suitable for load-shifting**



## Electricity Meter Interface 2, P1 - Technical specifications

Model number: EMIZB-151

### General

Dimensions (W x D x H)	30 x 90 x 18 mm
Weight	44.2 g (with packaging 74.4 g)
Color	White
Cable length	800 mm
Power supply	Supplied by the P1 interface (5V)

RF performance	Sensitivity: -100 dBm @ 1% PER Output power: +10 dBm
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Environment	Operation temperature 0 to +50°C IP class: IP2X Relative humidity 5% - 85%, non condensing
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### Functions

Meter reading	Connecting electricity meters via included RJ12 connector
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### Communication

Wireless protocol	Zigbee 3.0
P1 interface	DSMR 4.2, 5.0.2

### Certifications

Conforming to CE, RED, Low Voltage and RoHS directives  
Zigbee 3.0 certified