



External Meter Interface

Real-time measurement and reporting of power consumption

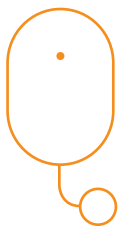
The External Meter Interface serves as a Zigbee interface for your customers' electronic meters. The External Meter Interface will collect readings and information from other meters, and send data via the Zigbee communication to appliances in the building. Your customer will then be able to follow their energy consumption through a display, their computer or mobile phone.

Key features are:

- LED/IR sensor
- P1, Pulse, or SO interface on demand
- Zigbee Home Automation 1.2 compliant

Cooperation with any other meters

The External Meter Interface works with different meters, such as power, water, gas, or heating. All data can be collected by an external gateway and stored in a normal data flash. The Zigbee profile ensures high security in order to protect data and prevent hacking.



No installation cost
Secure communication
Applicable with various meters

The External Meter Interface comes with an optical probe, which is easily attached either by magnets or by velcro. The cable length is approximately 800 mm.



External Meter Interface - Technical specifications

Model number: ZHEMI-101

General

Dimensions (W x H x D)	115 x 35 x 70 mm
Color	Black
Power supply	Battery: 3 x AA alkaline batteries, exchangeable Battery life: 2 years, updating every 5 seconds, at room temperature Battery level and low battery warning can be reported
RF performance	Sensitivity -98 dBm Output power +8 dBm
Environment	Operation temperature -20 to +60°C IP class: IP22 Relative humidity 5% - 85%, non condensing

Functions

Meter reading	By exchangeable probes, supporting pulse and IR communication
Interfaces	Supports LED, IR, pulse (configurable pulse range from 50 to 10 000 pulses per kWh) Pulse, S0, and P1 on demand (MOQ 5000)

Communication

Wireless protocol	Zigbee Home Automation
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Certifications

Conforming to CE, RoHS and REACH directives