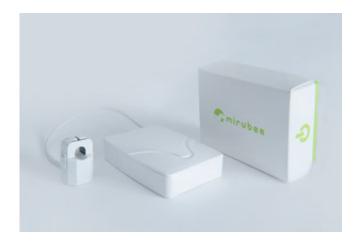## SPECIFICATIONS

IMPORTANT: THIS PRODUCT REQUIRES PROFESSIONAL INSTALLATION BY AN AUTHORISED TECHNICIAN.

You must have a Wifi Internet connection at home in order for the product to function correctly.

Electricity consumption readings taken with the Consumption Monitor may differ from readings recorded by your meter due to the fact that the Consumption Monitor is not as accurate as electric meters certified by distribution companies. Therefore, readings taken by the Consumption Monitor will not be admitted as a basis for any billing-related claim due to incorrect readings. If you consider any of the readings taken by your meter to be incorrect, please use the usual channels to request verification or open a claim.

The Consumption Monitor is only compatible with single phase electrical installations. It is not compatible with three phase electrical installations. If you do not know what your installation is like, please consult an expert or contact us.

CONTENT OF THE BOX

▶ Mirubox.

▶ Measuring clamp.

▶ Instruction manual.

SAFETY PRECAUTIONS

The Mirubox has been designed and tested to ensure compliance with the following safety standards:

▶ UNE-EN 61010-2-030:2011;

▶ UNE-EN 61326-1:2006;

▶ EN 301 489-17 V2.2.1

Before using the Mirubox for the first time, read the following carefully:

▶ Mirubee or IBERDROLA will not be held liable for any damage or personal injury that may result from improper installation or use of the equipment.

▶ Use of the Mirubox on uninsulated conductors is restricted to 265 V~ at the power frequency (50 Hz).

▶ Never expose the equipment to a potentially explosive or harsh environment.

▶ If an anomaly or fault is detected in the equipment, do not use it to take any measurements.

EXTERNAL CONNECTIONS

▶ Direct connection to a circuit breaker of up to 65 A. (85V ... 265 V~)

▶ Requires WiFi Internet access.

▶ System administrator requirements: the following ports must be open:

▸ Port 8080 for Http Get/Post

▸ Port 53 for DNS.

▸ Port 80 for Internet.

ELECTRICAL FEATURES

▸ Voltage range: 85... 265V~

▸ Frequency range: 50 Hz - 60 Hz

▸ Equipment power consumption: 20mA

▸ Clamp transform. ratio: 1:2000

▸ Insulation: Double insulation

▸ Protection class: II IEC/EN 61010-1:2010

▸ Rated current: 100 A

▸ Accuracy: 1 %

▸ Rated voltage range: 85... 265 V~

▸ Accuracy: 1% + Variations in the range of use (5.5)

▸ Power. Accuracy: 2% + Variations in the range of use (5.5)

COMMUNICATIONS

▸ IEEE 802.11 WiFi transceiver

▸ Frequency range: 2.405 – 2.48 GHz

▸ Encryption: AES 128

▸ Certification: FCC (US A), IC (Canada), ETSI (Europe).

MECHANICAL AND ENVIRONMENTAL FEATURES

▸ Mechanical and environmental features

▸ Operating temperature: -25 ˚C ... 45 ˚C

▸ Storage temperature: -40 ˚C ... 85 ˚C

▸ Degree of protection: IP20 (only for indoors)

▸ Casing: Self-extinguishing. UNE 21031 90 ˚C

▸ Weight: 180 g

▸ Mirubox dimensions: 110 mm x 70 mm x 20 mm

▸ Large clamp dimensions: 46 mm x 32 mm

▸ Large clamp inner diameter: 16 mm

▸ Small clamp dimensions: 40 mm x 23 mm

▸ Small clamp inner diameter: 10 mm