kerberos



KET-RMB-220

Amplified Wireless Repeater

- **Compact size**
- **Extended radio range**
- **Easy mounting**
-

The **KET-RMB-220**, together with the nodes with integrated repeater functionality and the Gateway, provides the **network infrastructure** necessary for the proper transmission of data collected by wireless sensors.
The X-Monitor technology guarantees high reliability and resistance to interference, while the excellent **sensibility of the radio module** allows to reach distances of more than **1000 m** in free air.
Standard antenna connector, supports antennas with 90° joint.
Thanks to the increased power, this device reduces the overall number of nodes in the network.

Applications

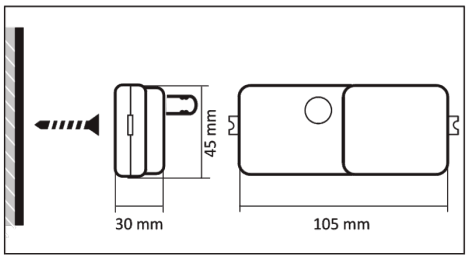
- Monitoring consumption
- Building management system
- Smart city
- Accounting
- Thermoregulation

Versius

- KET-RMB-210

Accessories

- KET-ANT-203
- KET-ANT-300.S
- KET-ANT-204



Technical Features

General specifications	**Protection Range**: IP50 **Operative Temperature**: -20 ÷ +60 °C
Case	**Dimensions**: 100 x 45 x 30 mm (W x H x D) **Mounting**: Wall mounting **Material**: Black nylon
Power supply	**Supply Voltage**: 230 VAC with integrated power supply (50-60 Hz) **Consumption**: < 1.5 W @ 230 VAC **Connectors types**: Device supplied with pre-skinned cable terminals
Radio module	**Supported Protocols**: X-Monitor Protocol (X-MP) / IEEE 802.15.4 **Radio Frequency**: 2.4 GHz ISM Band **Output Power**: +3 ÷ +20 dBm **Sensitivity**: -104 dBm **Antenna Type**: RPSMA connector, 90° antenna supplied **Max Distance (Free Air)**: Over 1000 m
Functionality	**Radio Signal Indicator**: Integrated (LinkQuality) **Output Power Adjustment**: From local keyboard and remotely **Firmware Upgrade**: Via radio