



## Amplified Wireless Repeater

- Compact size
- Extended radio range
- Easy mounting
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# KET-RMB-220

### Applications

Monitoring consumption

### Versus

KET-RMB-210

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.

### Technical Features

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

