

KET-RMB-220



Amplified Wireless Repeater

- Compact size
- Extended radio range
- Easy mounting
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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	Protection Range: IP50 Operative Temperature: -20 ÷ +60 °C Storage Temperature: Relative Humidity:
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

APPLICATIONS
monitoring consumption
Building management system
Smart City
Accounting
Thermoregulation

VERSIONS
KET-RMB-210

