Kerberos

IP20 | X- MONITOR | 100–240V | 12–24 VAC 12–20 VDC

KET–RMB–210

Applications

Monitoring consumption

Building management system

Smart city

Accounting

Versius

KET-RMB-220

110 mm

60 mm   53,5 mm

Amplified Wireless Repeater

- **Compact size**
- **Extended radio range**
- **Wide-ranging power supply flexibility**
- **Wall or DIN rail mounting**

The **KET-RMB-210**, together with the Gateway and the nodes with integrated Repeater functionality, provides the **network infrastructure** necessary for the correct transmission of data collected by wireless sensors.
The ZigBee™ standard guarantees high reliability and resistance to interference, while the high sensitivity of the radio module can reach distances of **over 1000 m** in free air.
The standard antenna connector supports 90° joint antennas or wired ones for placement outside the electrical panel.
Thanks to increased power, this device reduces the total number of nodes in the network.

Technical Features	
General specifications	**Protection range**: ip50 **Operative temperature**: -20 ÷ +60 °c **Storage temperature**: **Relative humidity**:
Case	**Dimensions**: 53,5 x 110 x 61 mm (w x h x d) **Mounting**: wall mounting or on din rail with supplied supports **Required din modules**: 3 din modules **Electric board type**: industrial **Material**: blend pc/abs sel extinguishing ul94-vo
Power supply	**Supply voltage**: 12 ÷ 24 vdc, 12 ÷ 20 vac; 230 vac with integrated power supply **Consumption**: < 1.5 w @ 12 ÷ 20 vac / < 1.5 w @ 12 ÷ 24 vdc / < 1.5 w @ 230 vac **Connectors types**: screw terminal
Radio module	**Supported protocols**: x-monitor protocol (x-mp) / ieee 802.15.4 / zigbee™ pro 2.0 **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