KET-RMB-210.S



APPLICATIONS	
monitoring consumption	
Building management system	
Smart City	
Accounting	
Thermoregulation	

MAGGIORI CONTENUTI ONLINE



Wireless amplified repeater for outdoor mounting

Compact size

Extended radio range

Wide-ranging power supply flexibility

Suitable for outdoor installation

The **KET-RMB-210.S**, 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. Its high degree of protection, **IP65**, makes it suitable for outdoor installation.

The ŽigBee[™] 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: IP65 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 or switchboard 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	

