

KET-THL-200



APPLICATIONS
Building management system
Data Centres and racks
Thermoregulation

VERSIONS
KET-THL-200.S



MAGGIORI CONTENUTI ONLINE

Wireless amplified Sensor of Temperature, Humidity and Light

- High-precision digital sensors
- Compact size
- Battery powered, lifetime > 4 years
- Internal memory

The **KET-THL-200** combines a Light sensor and a digital sensor for Temperature and Relative humidity in a compact size device, creating a **comprehensive environmental monitoring**.
The high sensitivity of the amplified sound module allows to reach distances of over 600m in free air.
KET-THL-200 comes with an internal memory, which allows you to store over 60,000 information, in case of malfunction of wireless network, retransmitting the data automatically as soon as possible.
The **LinkQuality feature** indicates the actual quality of radio reception to allow rapid positioning of the device.
When a signal arrives, the Diversity system selects the antenna with the highest gain thus increasing the radio sensitivity.
The battery life is greater than four years with ordinary alkaline batteries.

TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	Protection Range: IP30 (IP54 version on request) Operative Temperature: -20 ÷ +60 °C Storage Temperature: Relative Humidity:
CASE	Dimensions: 110 x 70 x 24 mm (W x H x D) Mounting: Wall mounting with supplied supports Material: Black ABS, available in white colour in the .W version
BATTERY POWER SUPPLY	Supply Voltage: 2 x 1.5 V Battery Type: 2 AA Approximate Battery Life: > 4 years Consumption:
DATALOGGER FUNCTION	Memory Type: Data Storage Capacity: Retention of more than 60,000 data with date and hour even if there is no connection
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: -101 dBm Antenna Type: 1 internal Max Distance (Free Air): Over 600 m
FUNCTIONALITY	Radio Signal Indicator: Integrated (LinkQuality) Output Power Adjustment: From local keyboard and remotely Firmware Upgrade: Via radio
TEMPERATURE SENSOR	Measure Range: -40 ÷ +123.8 °C Precision: ±0.4 ÷ 25 °C Repeatability: ±0.1 °C Resolution: ±0.01 °C
HUMIDITY SENSOR	Measure Range: 0 ÷ 100%RH Precision: ±3%RH from 20 to 80%RH Repeatability: ±0.1%RH Resolution: ±0.03%RH Hysteresis: ±1%RH Long Period Stability: <0.5%RH/year
LIGHT SENSOR	Measure Range: 10 ÷ 1000 Lux Response Curve: Similar to that of the human eye



No Information