



Outdoor amplified wireless probe

- External temperature and relative humidity sensor
- Fundamental for accounting purposes (UNI 9019:2013 standard)
- High sensitivity of the radio module
- Battery powered (included)

The XCM-THW-200 amplified external probe combines a digital ambient **temperature** and relative **humidity** sensor for external environmental monitoring in a **compact device**.
The high sensitivity of the amplified radio module allows you to reach high distances (>300 m) in free air.
The external probe sends the temperature measured for metering purposes to the MaggiorDOMO system concentrator according to **UNI 9019:2013**.
The data on external temperature and relative humidity are also made available to users by displaying them on the chronothermostat.



APPLICATIONS
For residential
For the community



MAGGIORI CONTENUTI ONLINE

TECHNICAL FEATURES	
GENERAL SPECIFICATIONS	Protection Range: IP65 Operative Temperature: -15 ÷ +60 °C Storage Temperature: Relative Humidity:
CASE	Dimensions: 79 x 87 x 56 mm (W x H x D) Mounting: Panel mounting with supplied supports Material: PC/ABS, Self extinguishing: UL 94 V-O
BATTERY POWER SUPPLY	Supply Voltage: 2 x 1.5 V Battery Type: 2 type C, half torch Approximate Battery Life: > 6 years Consumption:
RADIO MODULE	Supported Protocols: IEEE 802.15.4 ZigBee Pro® Radio Frequency: 2.4 GHz Output Power: +3 ÷ +20 dBm Sensitivity: -101 dBm Antenna Type: 1 internal Max Distance (Free Air): Over 300 m
FUNCTIONALITY	Radio Signal Indicator: Integrated (LinkQuality) Output Power Adjustment: From 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
CERTIFICATIONS	Referends Standard: UNI 9019:2013 Approvals: Security: Metrology:

