MCF-LW12TERWP
LoRaWAN™ outdoor environmental sensor
This IP67 battery powered sensor reads temperature, humidity and pressure and sends collected data over the LoRaWAN™ network. Ideally suited for a wide range of applications such as weather stations, urban monitoring, air quality, industrial, environmental or farming projects.

Characteristics:
• CPU Cortex M0+
• EEPROM 32Kb
• Flash 64K
• Encryption AES 128 bit
• Class A LoRaWAN™ stack @868Mhz @920Mhz (SIN, HKG…)
• Temperature -10….. 70 °C (±0.5°C)
• Humidity 0%…. 100% (20% ….80%±3% @25°C, 0%-20%-80%-100%@ 25°C ±5%)
• Pressure 300….1100hPa (±1hPa)
• Battery powered with 5 years of life (according radio propagation effectiveness and 10 min reading period)
• NFC for IoT node setup, FW upgrade and data reading
• Wall or pole mounting
• Storage temperature range -20 + 80°C
• Working temperature range -20 + 70°C
• Dimensions: 150x150x40mm
• Protection class IP67

Applications:
• Weather Station
• Smart city
• Smart agriculture
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