

LoRa Manhole Sensor

OVERVIEW

The purpose of installing a LoRa based Manhole Sensor is to monitor manhole lid covers:

- Communicate manhole lid status
- Communicate Emergency in real time
- Notify Responders
- Over 70,000 alarms before replacing batteries on manhole lid opens or closes

KEY FEATURES

- Over 8 years Battery Life
- Dust- and Waterproof
- Allows full Manhole Management
- Regular Heartbeat with Battery Status
- Secure Data Transmission
- Manhole cover open and close detector

SPECIFICATIONS

Model No.	MTC-MH01
Enclosure Dimensions	104 x 104 x 70mm
Limit switch Dimensions	192 x 104 x 70mm
Net Weight	659 g
Ingress Protection	IP67
Operating Temperature	-18°C to +55°C
Operating Humidity	10% to 95%
RF Output	14 dBm

MUTELCOR



APPLICATIONS

- Public Areas
- Airports
- Villas & Apartments
- Manufacturing Units
- Hotels
- Hospitals
- Museums

LoRa Frequency	EU863-870 (CE-Certified) IN865-867 (ETA-Certified) US902-928 AU915-928 AS923 -1, -2, -3, -4 KR920-923
SF Supported	7 – 12
OTAA and ADR	Compliant
Voltage	3V (2 x AA Battery)
Battery Life	Over 8 years (Alkaline Battery) Over 10 years (Lithium Energizer Battery)

