LoRa Air Quality Button

OVERVIEW

The purpose of installing a LoRa based Air Quality Button is to:

- Monitor Temperature and Humidity
- Trigger Alarms on thresholds locally and via LoRa
- Built-in button to call for action, assistance or emergency

KEY FEATURES

- Traffic Light indicator for local temperature / humidity alerts
- LoRa message on Button Press
- Plug & Play with easy integration using Javascript decoder
- 5 Years Battery Life
- Configurable measurement sending interval
- Change configurations in real-time with OTA Commands
- Available in different versions:
  - MTC-AQB01 - Red Lens with 2-Color LED, IP30
  - MTC-AQB02 - White Lens with 3-Color LED, IP30
  - MTC-AQB03 - Red Lens with 2-Color LED, IP44
  - MTC-AQB04 - White Lens with 3-Color LED, IP44

APPLICATION

- Educational Institutions
- Villas & Apartments
- Manufacturing Units
- Shopping Malls
- Hotels
- Hospitals
- Airports
- Banks & Museums
- Wine Cellar

SPECIFICATIONS

Model No.	MTC-AQB01, 02, 03, 04
Enclosure Size	95 x 95 x 40 mm
Net Weight	184 g
Ingress Protection	IP30 / IP44
Operating Temperature	-18°C to +55°C
Sensor	Temperature, Humidity
Sensor Range	Temperature: -40-125°C Humidity: 0-100% RH
Sensor Accuracy	Temperature: ± 0.2°C Humidity: ±1.8% RH

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-Alkaline Battery)
Battery Life	5 Years
RF Output	14 dBm