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

❯ Over 8 years of 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

MUTELCOR ❯

APPLICATIONS

❯ Educational Institutions

❯ Villas & Apartments

❯ Manufacturing Units

❯ Shopping Malls

❯ Hotels

❯ Hospitals

❯ Airports

❯ Banks & Museums

❯ Wine Cellar

SPECIFICATIONS

Model No.	MTC-AQB01, 02, 03, 04		**LoRa Frequency**	EU863-870 (CE-Certified) IN865-867 (ETA-Certified) US902-928 AU915-928 AS923 -1, -2, -3, -4 KR920-923
Enclosure Size	95 x 95 x 40 mm			
Net Weight	184 g			
Ingress Protection	IP30 / IP44		**SF Supported**	7 – 12
Operating Temperature	-18°C to +55°C		**OTAA and ADR**	Compliant
Sensor	Temperature, Humidity		**Voltage**	Over 8 years (Alkaline Battery) Over 10 years (Lithium Energizer Battery)
Sensor Range	Temperature: -40-125°C Humidity: 0-100% RH			
Sensor Accuracy	Temperature: ± 0.2°C Humidity: ±1.8% RH		**Battery Life**	Over 8 years
			RF Output	14 dBm