

# NFC RFID - LoRa Button

## OVERVIEW

The purpose of a LoRa based NFC RFID Reader is to send alerts with identification based on NFC or RFID Tag

- Identification of persons pressing the button
- Raise events in real time
- Seek Assistance
- Raise Alarms
- Communicate Status

## KEY FEATURES

- Read NFC RFID Tags on Button press
- Over 8 years of Battery Life
- Dust- and Waterproof on request
- Regular Heartbeat with Battery Status
- Secure Data Transmission
- Buzzer for local feedback on Button press
- Single button version (MTC-NFC01)
- Dual button version (MTC-NFC02)

## SPECIFICATIONS

Model No.	MTC-NFC01, 02
Enclosure Dimensions	180 x 80 x 48 mm
Net Weight	350 g
Ingress Protection	IP67
Operating Temperature	-18°C to +55°C
RF Output	14 dBm
Supported Tag Types	ISO/IEC14443-4A ISO/IEC14443-4B FeliCa

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## APPLICATIONS

- Smart Cities
- Hospitals
- Washrooms
- Villas & Apartments
- Museums & Transport
- Educational Institutions
- Hotels / Restaurants & Airports
- Banks, Shopping Malls and Corporates

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)

