

# **UHF RFID Animal Ear Tracking Tag (MR3876A):**

## **Features**

1. 2.4G Active Technology: Utilizes 2.4G active products for better communication distance and recognition rates compared to passive ear tags, ideal for large pastures and farms.
2. Anti-collision Algorithm: Incorporates an advanced anti-collision algorithm achieving a 99% recognition rate, with a communication range of up to 400 meters using a 2.4G Ultra-long Range Integrated Reader.
3. Unique ID: Each tag has a globally unique ID number that cannot be changed. Custom laser engraving of numbers is also available.
4. IoT Communication: Supports future expansions like ear temperature recognition, motion recognition, and light alarms due to its 2.4G IoT communication technology.
5. Compliance and Durability: Meets agricultural standards with a low drop rate of 3% and a weight of 17g, ensuring durability and compliance.

## **Technical Features**

1. Model Number: MR3876A
2. Operation Frequency: 2440MHz
3. Signal Modulation: GFSK (Gaussian Frequency Shift Keying)
4. Communication Speed: 1Mbit/s
5. Battery Life: Up to 3 years