

UHF RFID Animal Ear Tracking Tag (MR3876A)

Features :

1. Based on the technical advantages of its own 2.4G active products, RealTrack RFID has developed and designed a unique **2.4G active animal ear tag** on the market. It solves the problems of short communication distance and low recognition rate of passive ear tags on the market. 2.4G animal ear tags can be better used in large pastures and farms.
2. The 2.4G RFID ear tag adopts a very good anti-collision algorithm, and the recognition rate is as high as 99%. The working communication distance with 2.4G Ultra-long Range Integrated Reader can reach 400 meters.
3. A globally unique ID number that cannot be changed. At the same time, laser engraving customers' own numbers are also accepted. The factory standard is ID + QR code.
4. The advantages of 2.4G IoT communication technology can provide strong support for subsequent expansion functions (such as ear temperature recognition, motion recognition, light alarm, etc.).
5. The drop rate is 3% and the weight is 17g, which is in line with the relevant standards of the Ministry of Agriculture of various countries for animal ear tags.
6. As the definer and advocate of 2.4G communication protocol, we pursue to use simpler host computer communication data to facilitate customers to do secondary development and system docking.

Parameters:

Model No	MR3876A
Operation frequency	2440MHz
Type	Beacon Type
Signal modulation	GFSK
Communication speed	1Mbit/s
Inductive Mode	Initiative Transmit, Transmit Every 1s
Output power	7dbm
Material	ABS, Heat Resistant
Dimension	47*36*9mm

Battery	Battery LifeUp to3 years
IP Grade	IP67
Installation	EarPiercing
Color	Flesh Color
Weight	17g
Unique ID	4 bytes Data in HEX, Lester Marking
Average current	<15uA
Operating temperature	-20℃+60℃
Storage temperature	-30℃+80℃
Operating humidity	20%~95%
Storage humidity	10%~98%

Product image:

