Animal Ear Tag **TB8608**

Industry Leading Performance,
Optimized for Animal Ear Tag

Overview

Highly integrated RFID chip and antenna design innovation, in line with the EPC C1G2 protocol ISO18000-6C standard, supports dense reader mode (Dense Reader Mode), for livestock identification, tracking and tracing and other applications to provide superior EPC C1 Gen2 read write performance.

Support 96 EPC code, 64 and 512 TID coded user data area. Provide flexible storage architecture to optimize the allocation of EPC and user storage area. Support for 64 units of blocks of data storage area for users to read and write, but also supports a variety of public and private usage patterns.

The ear tag has a 64 factory-programmed unique serial number can not be changed, combined with EPC code, provides a unique "fingerprint" for the installation of an ear tag livestock.

The electronic tag uses non-toxic, odorless, non-polluting environmentally friendly materials, suitable for livestock tracking, identification management, livestock information management, effective tracking and traceability of livestock breeding, disease prevention and control, meat inspection, to ensure that meat products traceability management continuity and integrity of the information chain. When the outbreak of animal diseases and outbreaks traced to discover and add resolution.

Invengo RFID products in the factory prior to adoption of the strict parameters of performance tests to ensure product quality is stable and reliable.

Features

- **Operating Frequency 860MHz ~ 960MHz**
- **Supports dense reader mode**
- **96 EPC code**
- **64 TID coding**
- **512 user data area**
- **32 access password and kill command**
- **Read private data protection**
- **High chip sensitivity, read distance**
- **Advanced anti-collision**
- **mechanism supports multi-tag reading**
- **Wide operating temperature range of -40 ℃ ~ 85 ℃**

Specifications

Teknopalas TB8608   Animal Ear Tag

Physical Characteristics

Dimensions
104.5mm×75.5mm×2.3mm
Base material
PET & Aluminum
Casing material
TPU
Color
Yellow
Weight
19 g / set; 5 ± 0.5 kg / box;
Quantity
50 tags / bag;

User Environment

Operating temperature
-40 to +85 (-40 to +185)
Storage temperature
-20 to +50 (-4 to +122)
Humidity
≤90%

Performance Specifications

Operating frequency
860-960MHz
Supported standard
EPCglobal Class 1 Gen 2; ISO 18000-6C
Read distance
Up to 8m / 26ft (configuration dependent)
Write Distance
Up to 4m / 13ft (configuration dependent)
Memory
Up to 96 bits of EPC memory;
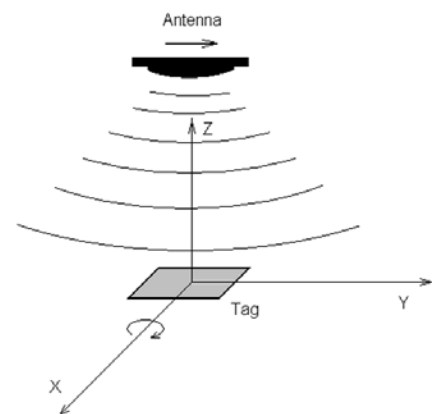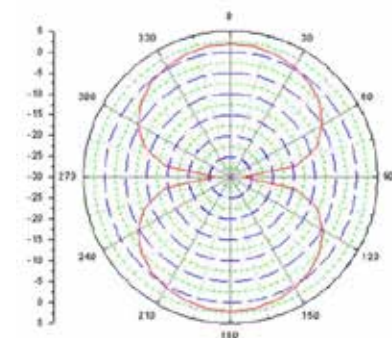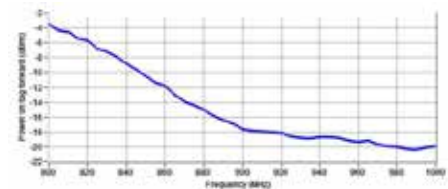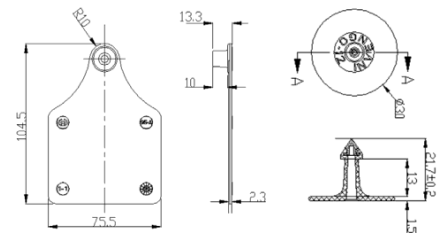User Memory 512 bits
TID 64bits
Password 32bits
Kill 32bits
Data retention
10 years
EEPROM write endurance
100,000 cycles