



Key Tags

➔ Key Tags

Chip : 4100

Working Frequency : 125KHz

Maximum Read Range : 2-15cm

Dimensions : 3W x 5L x 0.6H cm

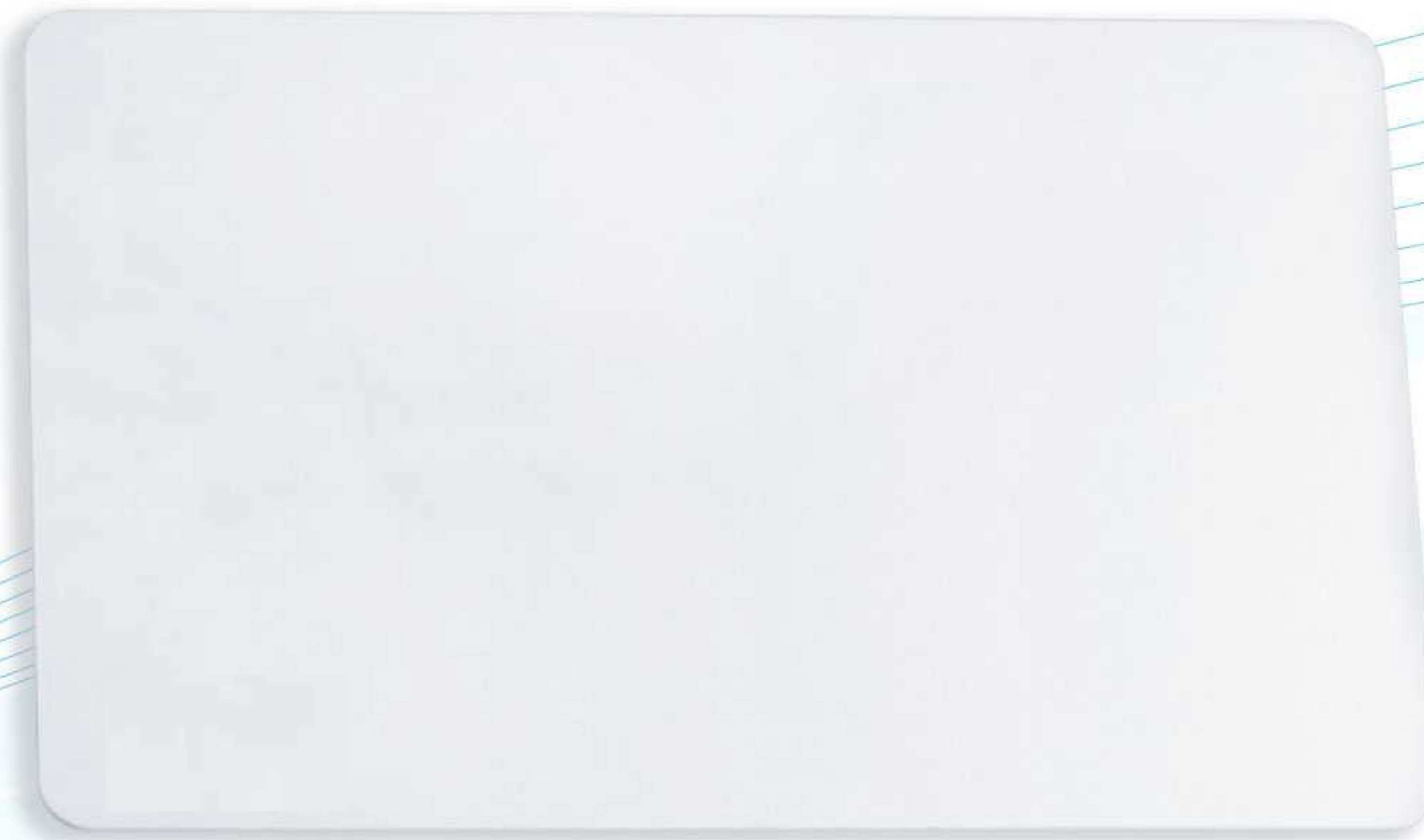
Operating Temperature : 45°C to 70°

Weight : 8 Gram

Description : RF-programmable, 125KHz, customer specified ID numbers locations marked for horizontal and vertical slot punch

Features:

- Only read
- Offers universal compatibility with all eSSI proximity device readers
- Provides an external number for easy identification and control
- Support formats up to 26 bits Wiegand format
- Compatible with EM4100 chip data format
- Meets ISO standard for thickness; user with all direct image or thermal transfer printers



UHF1-Tag1

➔ Ultra High Frequency Tag

Working Frequency : 860~928MHz

Reading Distance : Up to 10 meters for UHF1-10E
and UHF1-10F (Determined by the environment and reader)

Protocol : ISO18000-6C

Memory Capacity : 800 bits

Chip UID : 64 bytes

Storage Structure : EPC: 96 bits; TID: 96 bits; User : 512
bits; Password: 64 bits

Data Storage : 5 years (Only for chip)

Working Temperature : -30°C ~ 55°C

Storage Temperature : -10°C ~ 40°C

Storage Humidity : 40%-50% RH

Dimension : 85mm*54mm*0.8mm (error±0.06mm)

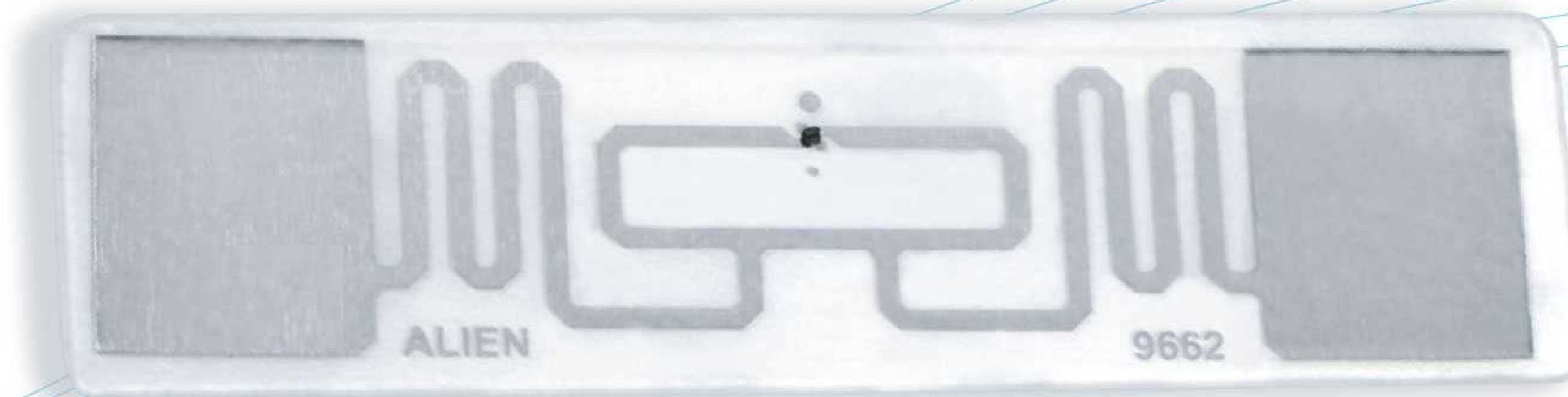
Packaging Process : Hot Laminating

Function

- High Safety
- High Reading Rate
- High Chip Sensitivity
- Flexible Storage Structure

Typical Applications

- Other Special Management
- Near-range Non-contact Identification
- Data Informatization Intelligent System Application



UHF1-Tag2

➔ Ultra High Frequency Tag

Working Frequency : 860~928MHz

Reading Distance : Up to 10 meters for UHF1-10E
and UHF1-10F (Determined by the environment and reader)

Protocol : ISO18000-6C

Memory Capacity : 800 bits

Chip UID : 64 bytes

Storage Structure : EPC: 96 bits; TID: 96 bits; User : 512

bits; Password : 64 bits

Data Storage : 5 years (Only for chip)

Working Temperature : -30°C ~ 55°C

Storage Temperature : -10°C ~ 40°C

Storage Humidity : 40%-50% RH

Dimension : 72mm*20mm (error±0.02mm)

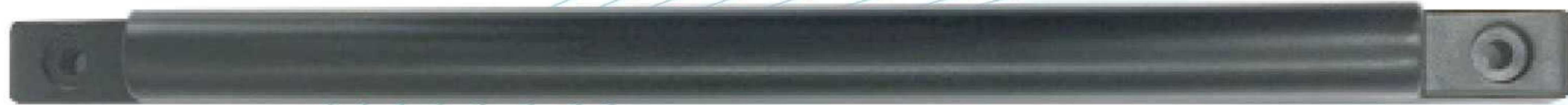
Packaging Process : Overlay

Features

- High Safety
- High Reading Rate
- High Chip Sensitivity
- Flexible Storage Structure

Typical Applications

- Other Special Management
- Near-range Non-contact Identification
- Data Informatization Intelligent System Application



UHF1-Tag3

➔ Ultra High Frequency Tag

Working Frequency : 840~960MHz

Reading Distance : Up to 10 meters for UHF1-10E and UHF1-10F (Determined by the environment and reader)

Protocol : ISO / IEC18000-6C, EPC global Class 1 Gen 2

Chip : G2XM

Memory Capacity : 272 bits

Storage Structure

EPC : 96bits, UID / TID: 64bits, User: 512bits,

Access Password : 32bits, Kill Password: 32bit

Erase Endurance : 10,000 times(Only for chips)

Data Storage : 20 years (Only for chips)

Environmental Requirements : RoHS Certificate

Storage Temperature : 0~40°C

Storage Humidity : 40%~70%RH

Features

- Embedded Assembly
- Metal Resistance
- High Chip Sensitivity Typical

Typical Applications

- Vehicle Management
- Highway (Bridge) Toll Collection Management



RFID Parking Gate System

UHF1-Tag4

➔ Ultra High Frequency Tag

Working Frequency : 860MHz~960MHz

Reading Distance : Up to 10 meters for UHF1-10E and UHF1-10F (Determined by the environment and reader)

Protocol Standard : ISO/IEC 18000-6C, EPC global

Class 1 Gen 2

Chip: Alien H3

Working Mode : Passive (no battery)

Storage Structure : EPC: 96bits, UID/TID: 64bits, User: 512bits

Kill Password: 32bits, Access Password: 32bits

Erase Endurance : 100,000 Times

Data Storage Period : 10 Years

Working Temperature : 0~60°C

Storage Humidity : 20%~60% RH

Immunity Against Electrostatic Voltage : 2 KV (HBM)

Curvature : > 60mm

Dimension : 96.5x23.2 (mm) ±0.5(mm)

Installation : Stick on the windshield (Parking Applications)

Features

- High Safety
- Long Service Life
- High Reading Rate
- High Chip Sensitivity
- Flexible Storage Structure
- Reading and Writing Repeatedly
- Adhesive Design, Easy Installation
- Anti-tear: when torn, it will be destroyed

Typical Applications

- Goods Management
- Vehicle Management
- Highway (Bridge) Toll Collection Management