Ultra High Frequency Tag

UHF1-Tag1

UHF1-Tag1 adopts ultra high frequency encrypted chip, especially designed for ZK UHF reader.This tag is ultra thin card, easy to carry,and has a long reading distance ,a good choice to be applied in personnel management .

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

Specifications

Model	UHF1-Tag1
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℃ ~ 55℃
Storage Temperature	-10℃ ~ 40℃
Storage Humidity	40%-50% RH
Dimension	85mm*54mm*0.8mm （ error±0.06mm ）
Packaging Process	Hot Laminating

Notes

1.In order to get the best recognition performance, please keep the tag direction the same as antenna's polarization direction when using(Remarks: You should hold the card horizontally when swiping it).

2.The working temperature must be within the allowable range, otherwise it may cause the product to work abnormally.

3.The storage temperature and humidity must be within the allowable range, otherwise it will reduce the service life of the product.

4.The distance from the product 30mm should not have an electric field or a strong current through, which may cause interference to the product.

5.The distance from the product 30mm should not have metal objects,which may cause the product to work abnormally.

6.Do not apply external force to bend or deform the product, which may cause the product's internal lines to break and fail to work.

7.The product should be kept away from the magnetic field for storage to prevent data loss.

8.Products should not be placed in a strong acid or strong alkali environment, which will cause serious damage to the product.

Ultra High Frequency Tag

UHF1-Tag2

UHF1-Tag2 adopts ultra high frequency encrypted chip, especially designed for ZK UHF reader.This tag is ultra thin electronic tag, easy to stick to the surface of objects,and has a long reading distance ,a good choice to be applied in personnel management .

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

Specifications

Model	UHF1-Tag2
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℃ ~ 75℃
Storage Temperature	-10℃ ~ 40℃
Storage Humidity	40%-50% RH
Dimension	72mm*20mm （ error±0.02mm ）
Packaging Process	Overlay

Notes

1.In order to get the best recognition performance, please keep the tag direction the same as antenna's polarization direction when using(Remarks: You should hold the card horizontally when swiping it).

2.The working temperature must be within the allowable range, otherwise it may cause the product to work abnormally.

3.The storage temperature and humidity must be within the allowable range, otherwise it will reduce the service life of the product.

4.The distance from the product 30mm should not have an electric field or a strong current through, which may cause interference to the product.

5.The distance from the product 30mm should not have metal objects,which may cause the product to work abnormally.

6.The product should be kept away from the magnetic field for storage to prevent data loss.

Ultra High Frequency Tag
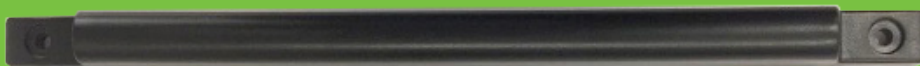
UHF1-Tag3

UHF1-Tag3 is a ultra high frequency encrypted tag for ZK UHF reader.The UHF Tag is suitable for vehicle management,and card reading distance will be up to 10 meters for UHF1-10E and UHF1-10F in parking lot applications.

Features

• Embedded Assembly
• Metal Resistance
• High Chip Sensitivity

Typical Applications

• Vehicle Management
• Highway (Bridge) Toll Collection Management

Specifications

Model	UHF1-Tag3
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
Working Temperature	-30~60°C
Dimension	249 * 13.8 * 18 (mm) ± 0.5 (mm)
Installation	Fixed on the upper and lower edges of the license plate (Parking Applications)

Notes

1.In order to get the best recognition performance, please keep the tag direction the same as antenna's polarization direction when using.

2.The working temperature must be within the allowable range, otherwise it may cause the product to work abnormally.

3.Storage temperature and humidity must be within the allowable range, otherwise it will reduce the service life of the product.

4.Do not force to make the product bent or beat the product, which may cause the product internal chip to damage and lose efficacy.

5.The distance from the product 50CM should not have an electric field or a strong current through, which may cause interference to the product.

6.The product can not be placed in a strong acid or alkali environment, which will cause serious damage to the product.

7.The product should be kept away from the magnetic field for storage to prevent data loss.

Ultra High Frequency Tag

UHF1-Tag4

UHF1-Tag4 is a ultra high frequency encrypted tag for ZK UHF reader.The UHF Tag is suitable for vehicle management and goods management, and card reading distance will be up to 10 meters for UHF1-10E and UHF1-10F in parking lot 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

Specifications

Model	UHF1-Tag4
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℃
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)

Notes

1.The tag must be mounted on the windshield horizontally in the cab . If there is a metal explosion-proof film above the windshield,you have to cut a small piece off it or roll down the window to read the tag.(the cut area is at least one time the tag's)

2.n order to get the best recognition performance, please keep the tag direction the same as antenna's polarization direction when using.

3.The working temperature and humidity must be within the allowable range, otherwise it may cause the product to work abnormally.

4.The storage temperature and humidity must be within the allowable range, otherwise it will reduce the service life of the product.

5.The distance from the product 50CM should not have an electric field or a strong current through, which may cause interference to the product.

6.The product can not be placed in a strong acid or alkali environment, which will cause serious damage to the product.

7.The product should be kept away from the magnetic field for storage to prevent data loss.