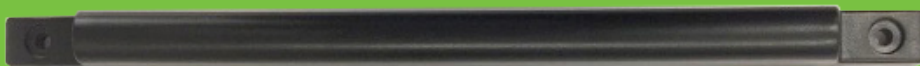# Ultra High Frequency Tag

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℃
Storage Humidity	40%-70%RH
Working Temperature	-30~60℃
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.