

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.



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