

# 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.



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