Ultra High Frequency UHF Tag

UHF-TAG-PRO

COLORED PARKING UHF TAG ALIEN H3/H9 3M +SN +CODE BARRE 97MM*23MM



Specification

Model	UHF-TAG-57ME
Working Frequency	865,7 MHz ± 100KHz
Reading Distance	Up to 20 meters for UHF57(Y)E (Determined by the environment and reader)
Protocol Standard	ISO/IEC 18000-6C, EPC global Class 1 Gen 2
Chip	Alien H9
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)
Optional	Can be customized when printing with photos and/or Weigand serial number for easy use
Dimension	100x25 (mm) ±5(mm)
Installation	Stick on the windshield, helmet, parking, goods management ...

U H F-TAG-57ME is an ultra-high frequency encrypted tag for UHF57(Y)E reader series. The UHF Tag is suitable for vehicle management and goods management, and the card reading distance will be up to 20 meters for UHF57(Y)E in parking lot applications.

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

Application: Goods Management, Vehicle Management, Highway (Bridge)Toll Collection Management

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TECHNICAL DATA SHEET – PASSIVE UHF RFID TAG UHF-TAG-PRO

1. General Information:

- Manufacturer: SIB Technology
- Model / Reference: UHF-TAG-PRO
- Product Type: Passive UHF RFID Tag
- Application: Automatic identification – asset tracking, logistics management, access control

2. Technical Specifications:

- Technology: Passive UHF RFID
- Supported Standard: EPCglobal Class 1 Gen 2 / ISO 18000-6C
- Memory: EPC
- Tag Dimensions: 100mm x 25mm
- Material: Paper
- Attachment Type: Adhesive

3. Radio Specifications:

- Authorized Frequency Band (Morocco variant): 865.7 MHz ± 100KHz Compliant with ANRT A2FP decision
- Other variants not allowed in Morocco: EU: 865 – 868 MHz; US: 902 – 928 MHz
- Reading Range: Up to 20 meters (depending on reader and environment)
- Antenna Type: Integrated

4. Operating Conditions:

- Operating Temperature: 0 to 60°C
- Protection Rating: IP65
- Estimated Durability: Several years under normal conditions

5. Compliance:

- The UHF-TAG-PRO model configured for the 865.6 – 865.8 MHz band is compliant with current Moroccan regulations.
  Certifications: CE

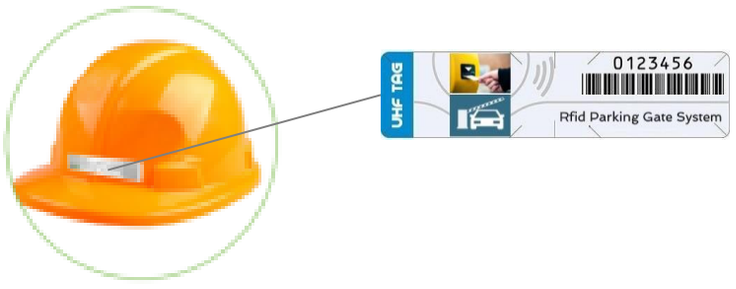
6. Important Notes:

- Please specify at import that this tag is configured exclusively for the 865.6 – 865.8 MHz band.
  Variants intended for other markets (Europe, USA) are not compliant without specific approval.

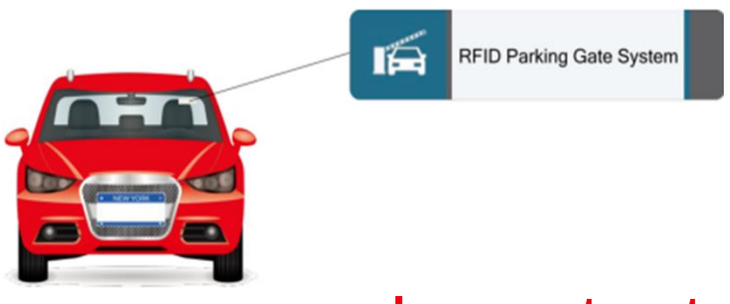
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Important:

. 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)

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

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

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

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

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

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