

# SV-WMT-001T/002T

## Venus UHF RFID Transferrable Tag

### High Performance Windshield RFID Tag for Automatic Vehicle Identification Applications

#### FEATURES

- 860 – 960 Mhz
- Great Read Performance
- Long read range
- Transferrable/Removable
- Alien H3 Chip
- Tuned for Glass
- EPC C1/G2
- ISO 18000 6C



With its high performance and high security features, the [VENUS Windshield Tag](#) delivers superior read and write performance. It is designed and tuned for use on the glass windscreen of the vehicles.

The [VENUS Windshield Tag](#) is constructed to provide reliable reading for years, even in extreme weather and driving environments. Designed as a vehicle tag from the ground up, only material graded for automotive applications are used in the manufacturing of the [VENUS Windshield Tag](#).

The [VENUS Windshield Tag](#) utilizes a H3 IC chip that has a flexible memory architecture and provides for the optimum allocation of EPC and User memory. It is ideal for use in high performance/ security applications such as Electronic Toll Collection (ETC) e-Tolling, Electronic Vehicle Registration (EVR), Secure Parking and Access Control.

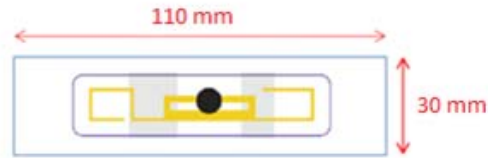
#### Tag Physical Specifications:

|                           |                          |
|---------------------------|--------------------------|
| Width                     | 1.5 Inches               |
| Length                    | 4.0 Inches               |
| Transfer Substrate        | Vinyl Film               |
| Inlay Substrate           | Special PET (Non-shrink) |
| Antenna Material          | Silver Conductive Ink    |
| Adhesive                  | Permenant /Clear         |
| Core Size                 | 3" x 3.5"                |
| Quantity/roll             | 5,000 pcs.               |
| Release Liner Material    | Clear/White              |
| Perforated Release Liner  | Optional                 |
| Printing on Release Liner | Optional                 |



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### SPECIFICATIONS :

ISO 18000-6C

860 – 960 Mhz

Read/Write Functions

Data Transfer Rate up to 640 kps

### MEMORY SIZE :

Alien HIGGS 3 chip

On chip memory 800 bits

Unique TID 64 bits

Tag Identifier 64 bits

Access Password 32 bits

Kill Password 32 bits


EEPROM Write Endurance :

100,000 cycles at 25 C

### Environmental Specifications :

|                                    |                                   |
|------------------------------------|-----------------------------------|
| ESD – HBM/CDM                      | +/- 3kV                           |
| Operating Temperature (Installed)  | -50°C to +85°C (-58°F to 185°F)   |
| Relative Humidity (RH) (Installed) | 100% condensing humidity          |
| *Storage Temperature               | -40°C to + 100°C (-40°F to 212°F) |
| Recommended Shelf Life             | Less than or equal to 12 Months   |



| Product   | Part Number | Description   |
|---|-------------|---|
|  | SV-WMT-001T | Clear Interior Mount Windshield Tag - Transferable Cling - 1 Piece with H3 Chip - UV Protection - 1 year warranty |
|   | SV-WMT-002T | Clear Interior Mount Windshield Tag - Transferable Cling - 2 Piece with H3 Chip - UV Protection - 1 year warranty |

This product is available exclusively through:

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