SA-HMT-001/002
ARIES UHF RFID Tag

High Performance Headlight RFID Tag for Vehicle Identification Applications

With its high performance and high security features, the ARIES Headlight Tag delivers superior read and write performance. It is designed and tuned for use on the glass windscreen of the vehicles.

Whether applied inside or outside, the ARIES Headlight 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 outdoor and automotive application is used in the manufacturing of the ARIES Headlamp Tag.

The ARIES Headlight 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.

The ARIES Headlight Tag is available with optional features such as non removable, non transferrable feature, IR and UV Light Protection Filter, Custom Press or Variable Printing and IC Chip Pre-

Physical Specifications :

Width	19.4366 mm
Length	100.869 mm
Pitch	28.575 mm
Inlay Substrate	Special PET (Non-shrink)
Antenna Material	Silver Conductive Ink
Adhesive	Clear
Core Size	3" x 110 mm
Quantity/roll	2,500 pcs.
Release Liner Material	Clear
Perforated Release Liner	Optional
Printing on Release Liner	Optional

100.8690 mm

19.4366 mm

STAR SYSTEMS
INTERNATIONAL

SA-HMT-001/002
ARIES UHF RFID Tag

100.8690 mm

19.4366 mm

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

Address :
Unit A01, 24/F Gold King Industrial
Bulilding, 35-41 Tai Lin Pai Road,
Kwai Chung, HK SAR
Phone +852 3691 9925

For more information on any of

our products or services please

visit us on the Web at:

www.star-int.net

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
	SA-HMT-001	Clear UHF Headlamp/Bumper Mount Tag - Break On Removal (BOR) - 1 Piece with H3 Chip - UV Protection - 1 year warranty
	SA-HMT-002	Clear UHF Headlamp/Bumper Mount Tag - Break On Removal (BOR) - 2 Piece with H3 Chip - UV Protection - 1 year warranty

This product is available in exclusively through:

*Infinity***RFID***, Inc.*
18017 Chatsworth Street #127
Granada Hills, CA 91344
www.infinityRFIDinc.com

SV-WMT-001/002
Venus UHF RFID Non-Transferrable Tag

High Performance Windshield RFID Tag for Vehicle Identification Applications

- 860 – 960 Mhz
- Great Read Performance
- Long read range
- Non transferrable/ Non removable
- Alien H3 Chip
- Tuned for Glass Windshield
- 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 Windshield of the vehicles.

Whether applied inside or outside, 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 outdoor and automotive application is 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.

The VENUS Windshield Tag is available with optional features such as non removable, non transferrable feature, IR and UV Light Protection Filter, Custom Press or Variable Printing and IC Chip Pre-Programming

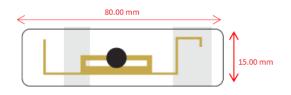| Physical Specifications :	
Width	15.00 mm
Length	80.00 mm
Pitch	34.29 mm
Inlay Substrate	Special PET (Non-shrink)
Antenna Material	Silver Conductive Ink
Adhesive	Permenant /Clear
Core Size	3" x 90 mm
Quantity/roll	5,000 pcs.
Release Liner Material	Clear/White
Perforated Release Liner	Optional
Printing on Release Liner	Optional

SV-WMT-001/002
Venus UHF RFID Non-Transferrable Tag

80.00 mm

15.00 mm

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-001	Clear Interior/Exterior Mount Windshield Tag - Break On Removal (BOR) - 1 Piece with H3 Chip - UV Protection - 1 year warranty
	SV-WMT-002	Clear UHF Interior/Exterior Mount Windshield Tag - Break On Removal (BOR) - 2 Piece with H3 Chip - UV Protection - 1 year warranty

This product is available exclusively through:

*Infinity***RFID***, Inc.*
18017 Chatsworth Street #127
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