

# SZ-UMT-002

## Zenith UHF Non-Transferrable Universal RFID Tag

### FEATURES

- 902 – 928 Mhz
- Great Read Performance
- Long read range
- Non-transferrable/Non-removable
- Alien HEC Chip
- Tuned for Automotive Glass & Plastic
- EPC C1/G2
- ISO 18000



Zenith has been designed as a multi-surface RFID tag. It can be mounted on either a vehicle's windshield or headlamp and is designed and tuned to be a simple, single solution for any vehicle.

Whether applied inside or outside, the [Zenith Universal 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 materials graded for outdoor and automotive application are used in the manufacturing of the [Zenith Universal Tag](#).

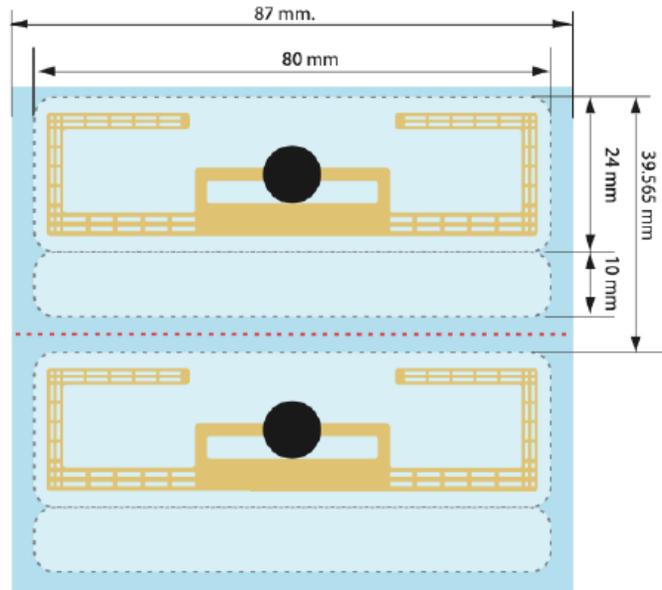
The [Zenith Universal Tag](#) utilizes the new HEC IC chip that has next generation automatic error correction and increased sensitivity. It is ideal for use in high-performance/security applications such as Parking and Access Control.

### DOT Compliant & OmniAir Certified

This product conforms to U.S. Federal Motor Vehicle Safety Standard (FMVSS) 108 for headlamp use, & is certified for the rigors of use on U.S. Toll Roads.

## Features:

- Specially Designed for Vehicle Applications
- Tuned for Automotive Glass & Plastic
- Improved High Read Rate Performance
- (Non-Removable, Non-Transferable)
- IR/UV Light Protection
- Standard 1 Year Warranty
- Next Generation Error Correction
- Custom Chip Encoding
- Transparent
- 2-Part Label



## SPECIFICATIONS

Dimensions	3.15 x 1.00" (Tag Only)
RF Protocol	ISO 18000-6C/63 EPC C1G2
Operating Frequency	902 - 928 MHz
Operating Temperature (Installed)	-50°C to +85°C (-58°F to +185°F)
Relative Humidity (RH) (Installed)	100% Condensing Humidity
Chip Type	Alien HEC chip
EPC	96 Bits
On-Chip Memory	128 / 688 Bits
EEPROM Data Retention	50 Years
EEPROM Write Endurance	100,000 Cycles

This product is available in exclusively through:

*Infinity* **RFID**, *Inc.*

[www.infinityRFIDinc.com](http://www.infinityRFIDinc.com)

818-923-5132