



STEALTH TAG

Higgs 3 Class 1 Gen 2 UHF RFID Tag

Thin as a dime, light as a credit card, and readable on-metal from 30 feet away! Created specifically for discretely tracking high value IT equipment, as well as other security applications.

- **Thinnest metal mount tag on the market today at .030"**
- **High performance UHF tag with read distances of up to 30 feet**
- **Alien Higgs 3 Chip 512 Bits of memory**
- **Low cost compared to active RFID technology**
- **Solid core structure preventing damage from impact due to mishandling**
- **Embodies five enabling patent pending technologies**
- **Improved planar antenna design**
- **The Stealth tag can be supplied in a non-pressure sensitive format, if required**

Stealth Tag Specifications

Type:

EPC Class 1
Gen 2 Passive UHF RFID Tag

Uses:

High Value IT Equipment
Security Applications
Medical Applications
Plus Many More

Composition:

Custom Inlay/Label	--Adhesive
HDPE .030	
Aluminum/Copper Foil	--Adhesive
Liner	--Adhesive

Tag Dimensions:

3.375" x 2.125"

Read Range:

Up to 30 Feet

Resonance Frequencies:

Center Frequency = 915 MHz

Reader Compatibility:

Gen 2 Compatibility

Tested With:

- SAMsys MP9320 v2.8
- Alien 9800 n05.09.21.00
- Awid MPR-3014 NF-QM-NA v5.05N
- Symbol XR400 rev2.0.7
- ThingMagic Mercury4 v2.3.14
- All Other Current Models

Measurements

TAG PERFORMANCE	Comparable Tags			
	Stealth	Passive	Battery Assisted Passive	Active
Cost	✓	✓		
Performance on Metal	✓		✓	✓
Performance on Containers with Water	✓		✓	✓
Size	✓			
Thickness	✓			
Read Range:				
Free Space	up to 20'	up to 20'	up to 150'	100' or more
Metal	up to 30'	up to 7'	up to 50'	100' or more
Water	up to 20'	up to 5'	up to 50'	100' or more

Higgs™ 3 Specification:

- Meets EPCglobal Gen2 (V 1.2.0) as well as ISO/IEC 18000-6C
- 800-Bits of Nonvolatile Memory
- 96-EPC Bits, extensible to 480 Bits
- 512 User Bits
- 64-Bit Unique TID
- 32-Bit Access and 32 Bit Kill Passwords
- Pre-Programmed with a unique, unalterable 64-bit serial number
- User Memory can be Block Perma-Locked as well as read password protected in 64-Bit Blocks
- Supports all Mandatory and Optional Commands including Item Level Commands
- Custom Commands for high speed programming; 30 tags per second for the 96-bit EPC number
- Lower power operation for both read and program
- Exceptional operating range, up to 10m with appropriate antenna
- For additional info, go to AlienTechnologies.com/products



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