

Alien Higgs®9 RFID UHF Tire Patch Tag - Inner Sidewall Installation



Key Features

Operating Frequency
UHF 860-960 MHz

Chip Type
Alien Higgs® 9

International Standard
ISO/IEC 18000-6C, EPC Global Gen2

EPC Memory
96 Bits

Operating Environment
-40°C~+85°C

1. Product Overview

The Alien Higgs®9 RFID UHF tire patch tag sticks right onto the tire’s inner sidewall. Powered by the cutting-edge Alien Higgs®9 chip, it offers real-time authentication, anti-counterfeiting protection, and a unique ID to help prevent theft or cloning. Built from flexible, heat-resistant rubber, this tag is made to take a beating and keep on working. It’s a smart pick for tracking tires on buses, trucks, factory vehicles, and fleet logistics.

2. Product Parameters

2.1 Physical Characteristics

SKU	AZTP-H9-RB-9535
Material	Rubber
Diameter	95x35x2mm
Weight	5.0g
Installation	Inner Sidewall Patch Mount



2.2 Technical Parameters

Operating Frequency	860-960 MHz
Communication Protocol	ISO/IEC 18000-6C, EPC Global Gen 2
Reading Distance	1.08m

2.3 Chip Characteristics

Chip Manufacturer	Alien
Chip Type	Higgs® 9
User Memory	688 Bits
EPC Memory	96 Bits
Unique TID	48 Bits
Read Sensitivity	Up to -20 dBm
Write Sensitivity	Up to -18 dBm
Security	Dynamic Authentication, Anti-Cloning, Anti-Counterfeit Technology, 32 Bit Access and 32 Bits Kill Pass-Words
Write Endurance	200k cycles
Data Retention	50 years
Pre-program	Pre-Programmed with a unique, unalter-able 48-bit serial number

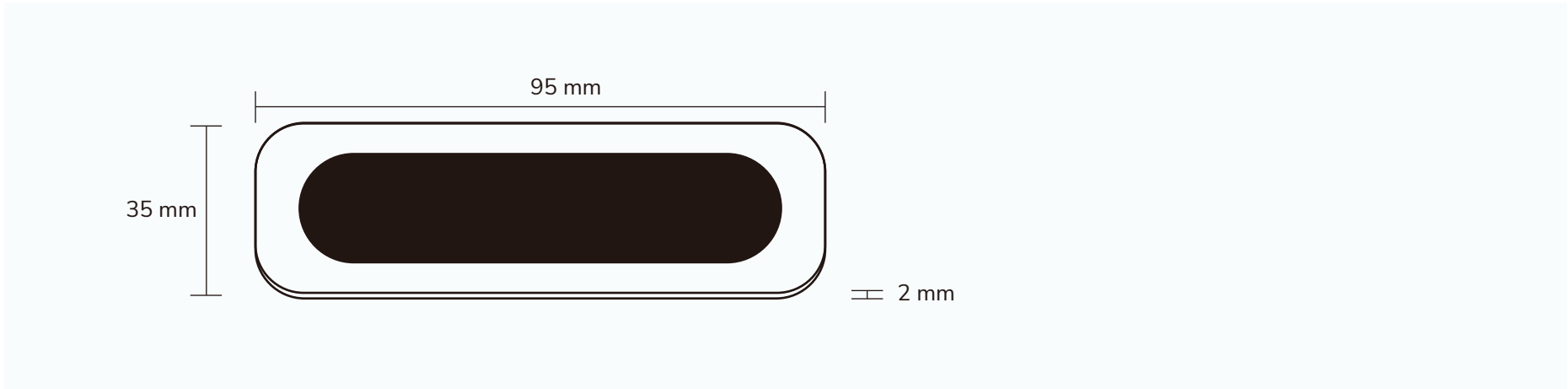
2.4 Additional Information

Operating Environment	-40°C~+85°C
Storage Environment	0~+40°C
Application	Bus tire tracking, truck tire tracking, automobile factory tire tracking, logistic vehicle management, etc.

2.5 Packaging

Packing Format	Packed in box
Packing Quantity	120 pcs/bag

3. Dimensions



<https://www.rfidtag.com>

E-mail : sales@rfidtag.com

Phone Number: +86-131-3958-0585

Singapore Office : 10 Science Park Road #03-17A, The Alpha, Singapore Science Park, Singapore 117684

Shenzhen Office : 33-408, Qianhai SZ-HK Fund Town, Nanshan, Shenzhen, China 518052

Shenzhen Factory : Q5, XingDao Industrial Park, LongGang, Bantian, Shenzhen, China 518129