

STA RC9020 UHF Embedded Tire Tag

General Information

The UHF spring tag has been developed to be embedded in the tire during the manufacturing process, where it will last the lifetime of the tire.

The tag provides a unique identification number which can be tracked to prevent tire theft and cloning, in addition to the conventional asset tracking benefits inherent to RFID.

This tag also can be embedded other items in producing process. Such as trunk, box, etc. Its advantage is small size, resist at least 200°C, etc.

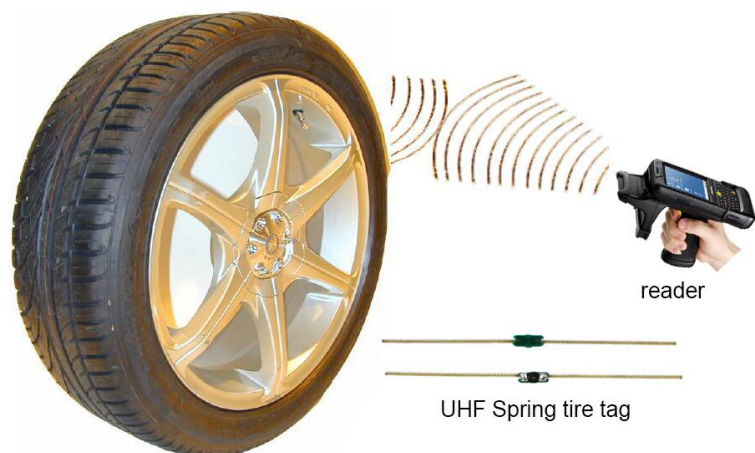


Features

- EPC Gen 2(V1.2.0) compliant
- Worldwide operation in RFID UHF bands(860-960MHz)
- Read range up to 1 meters
- Available Pre- Printed and Pre- encoded
- Custom commands for high speed programming
- Flexible material to contour to any shape of tire
- Factory programmed tag identification number to prevent cloning

Application

- Vehicle and truck management
- Tire anti cloning and brand protection
- Tire Usage and maintenance record
- Tire inventory tracking and anti theft

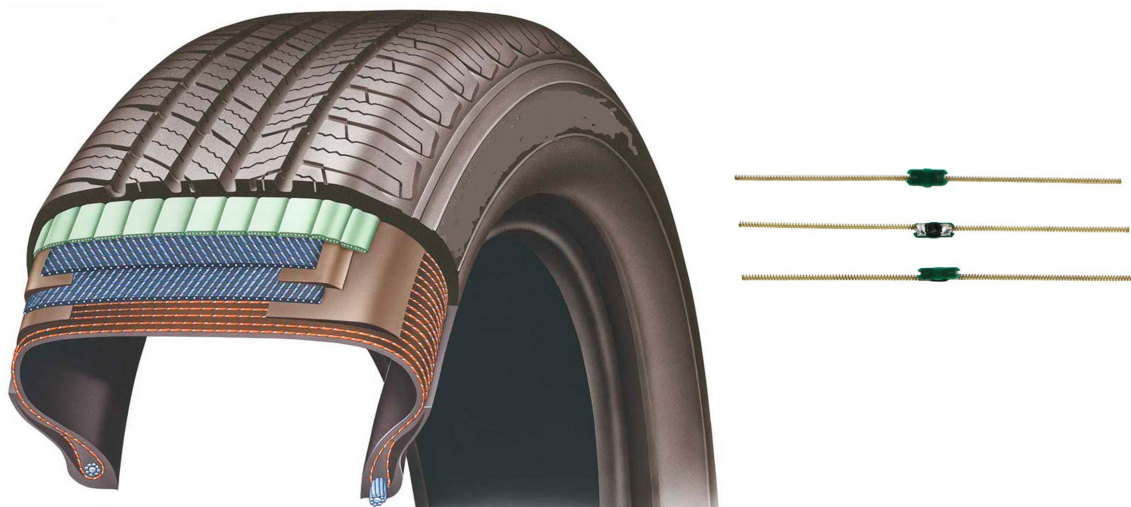




RFID Features:		
RFID Standard		ISO/IEC 18000-6C (EPC Gen2)
Chip Type		Alien Higgs-3
EPC Memory		96 bits to 480 bits
User Memory		512 bits
Read Range	902-928 MHz	0.5-1.0m
	865-868 MHz	0.5-1.0m
Other Features:		
Material		Steel wire
Dimensions		50*1mm / 84*1mm (Customizable)
Installation		Embedded
Customization		Encoding, Designing, etc

Technical Specifications Table

Installation



Embed the UHF spring tire tag during manufacturing process

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