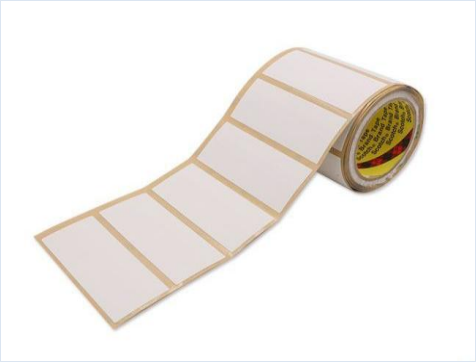
RFID Windshield Tag (For Vehicle Tracking Applications)
Model Number: NTS-RT 01





NTS-RT 01 is a specially designed tag meant for application on windshields of the vehicles. With a read range of up to 12 meters, it is one of the most widely used tag for projects related to vehicle access control and tracking at toll plaza, parking lots, residential societies, malls, manufacturing etc. The unique tag design works best on 4 wheelers as well as heavy fleet NTS like truck, bus etc.

The tag is fully tamper evident in nature from all sides which means that it cannot be used on another vehicle to breach the security access. Once it is pasted on a windshield, the strategically made slits makes it practically impossible for anyone to remove it without breaking the inbuilt antenna chip. This tag comes with 3M adhesive on one side which resists peeling even in the harshest environment.

We use Alien 9954 Inlay to embed the chip & inlay between the three thin layers of the tag. Its excellent read range and easy application allows vehicles and fleet NTS to be tracked and managed even high speed when used with high quality readers.

This tag can be fully customized to print logo, text, barcode, QR code, encoding etc. depending on the requirement of the project. The material used in printing is of high quality and resist fading and cracking.

Network Toll Solution

Network Toll System is one of the leading manufacturer and supplier of RFID Windshield tags in India. These high-quality tags are designed and crafted with great accuracy to provide comparatively high and long range which is much required in Vehicle tracking related applications. With more than 2 million active users of this tag across the globe, NTS-RT 01 is one of the most hot selling and premium tag supplied by NTS.

Features:

- Specialized inlay provides Excellent Read Range of up to 12 mt.
- 3M adhesive material.
- Tamper proof from all sides.
- UV resistant.
- Fade resistant printing material
- Can be customized for printing barcode, text, logo etc.
- Various colors available.
- Available in PP Synthetic Material and Transparent PVC.

Application:

- Entry and Exit Gate Automation.
- Vehicle Tracking and Gate Automation in society.
- Parking payment in malls and parking lots.
- Parking management and payment in business parks.

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Technical Specifications:

Model Number	NTS-RT 01
Application	Windshield of vehicles and fleets
Read Range	Up To 12 mt
Tamper proof	Yes. From all side
Write Range	Up to 5 mt
Frequency	UHF 865-868MHz, 902-928 MHz
Standard	ISO 18000 6C (EPC Class 1 Gen2)
Chip Type	Alien H3
Write endurance	100000 cycles
Memory	32 bits TID, 96 bits EPC number, 512 bits user memory
Working Mode	Read and Write
Data Retention	10 years
Anti-collision	Yes
Base Material	PP Synthetic Material / Transparent PVC
Antenna Material	Aluminum
Operating Temp.	-20 degree Celsius to +70 degree Celsius
Operating humidity	≤80%
Packaging	200 pc / box (Depend on requirement)
Characteristics	Contactless Chip inside. Waterproof, dustproof and shake proof.
Colour	White glossy look.
Dimension	Approx. 100 mm x 25 mm (Thickness 400 microns)

Electrical and Mechanical Specification: -

Under TA＝25℃ VCC＝+9V unless specified

Network Toll Solution

Items	Symbol	Min	Type	Max	Unit
Power Supply	VCC	8	**9**	**12**	**V**
Current Dissipation	IC		**350**	**650**	**mA**
Frequency	FREQ	902		928	MHz

Interface:

Item	Comment
Red	+9V
Black	GND
Yellow	Wiegand DATA0
Blue	Wiegand DATA1
Purple	RS485 R+
Orange	RS485 R
Brown	GND
White	RS232 RXD
Green	RS232 TXD
Grey	Trigger Input (TTL level)