

Introduction

The Windshield Tag is a battery-free UHF read only tag, suitable for long-range vehicle access applications where it is suitable to permanently and tamper evidently attach the tag to a vehicle. The non-transferable Windshield Tag is mounted on the inside of the vehicle windshield using the adhesive. When the windshield tag attached inside the vehicle, the read range up to 10 Mtr.

Uses

It can be used in Electronic Toll Collection & Transport systems, Vehicle Identification. It can be used in Entry and

Exit, Gate Automation in society, At toll plaza for automatic payment, At Car service center.

Features

- Windshield tag is tamperproof Tag & can be easily attached with self-adhesive tape.
- It is a flexible tag and operates effectively with read range of over 8-10m when attached inside of vehicles windshield.
- Unique serial number and the associated barcode are printed at the front of the tag to allow automated processing & easy issuing to end users.



Technical Specifications:

S. No.	Parameter	Value
A	General	
1	Class	EPC Class 1 Gen 2; ISO18000-6C protocol compliant
2	Chip Type	Alien Higgs 3 having EPC 96 bit extendable up to 480 bits
3	Chip memory	512 bits
4	Data retention	More than 10 Years
5	Write Cycles	Write endurance of 100,000 cycles
6	Ingress Protection	IP 65
B	Mechanical	
1	Dimension	95×35×0.3mm
2	Material	PP label
3	Colour	White
4	Weight	0.11g
C	Electrical	
1	Operating Frequency	865-868 MHz
2	Operating Mode	Passive (battery less transponder)
D	Thermal	
1	Storage Temperature	-40°C to +100°C
2	Operating Temperature	-20°C to +80°C
F	Certification	
1	Product Certificate	CE, ROHS
2	Enclosure	IP67