

# RFID Licence Plate Tag



## Bolt-on UHF RFID Tag for Fixed Vehicle Identification

The RFID Licence Plate Tag is a UHF EPC Gen2-compliant tag designed to be mounted near the licence plate using nails or screws. Its PCB antenna, ABS housing, and aluminum alloy backplate provide a solid structure suitable for permanent outdoor use on vehicles. With 128-bit memory, read/write capability, and support for up to 100,000 write cycles, it enables long-term vehicle identification and logging in access control, parking, and fleet environments without overstating performance beyond the available specifications.

## Overview

### Agreement / Protocol

EPC Class 1 Gen 2 / ISO 18000-6C

### Frequency Band

UHF 860–960 MHz

### Material

PCB antenna, ABS plastic shell, aluminum alloy backplate

### Tag Dimension

244 × 12 × 13 mm

### Work Mode

Readable and writable

### Installation

Mounted with nails or screws (on/around licence plate area)

### Industry Segments

- Vehicle Access Control
- Parking & Gate Systems
- Fleet and Yard Management
- Tolling & Closed-Area Traffic Management

### Application

- Fixed vehicle identification using licence-plate mounting
- Automated entry/exit logging
- Basic vehicle presence and movement tracking in controlled areas

## Product Features

<b>Agreement / Protocol</b>	EPC CLASS1 Gen 2 / ISO 18000-6C
<b>Working Frequency</b>	860-960 MHz
<b>Storage Capacity</b>	128 bit
<b>Tag Size</b>	244 x 12 x 13 mm
<b>Work Mode</b>	Readable and writable
<b>Data Retention (Storage Time)</b>	10 years
<b>Number of Erasable Uses</b>	100,000 write cycles
<b>Working Temperature</b>	-30°C to +85°C
<b>Storage Temperature</b>	-40°C to +100°C
<b>Material</b>	PCB antenna, ABS plastic shell, aluminum alloy backplate
<b>Installation Method</b>	Nails or screws

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