

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

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

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