VEHICLE RFID · UHF 860–960 MHZ · WINDSHIELD LABEL

ID-2294

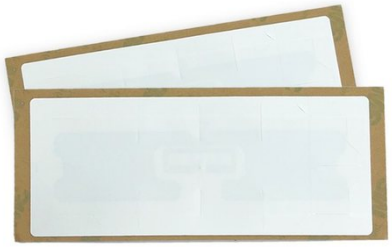
A UHF windshield label with a U9 chip for cars, trucks and heavy assets at gates and yards.

U9 chip | EPC Gen2 / 18000-6C | Up to 6 m | 860–960 MHz | Flexible substrate

No register at the gate, no card to show.

The **Identium ID-2294** is a UHF RFID windshield label built on the U9 chip, made for vehicle and heavy-asset identification. Fixed inside the windscreen on a thin, flexible substrate that follows the glass, it answers across 860–960 MHz, covering India's 865–868 MHz band.

A UHF reader at the lane reads it from up to 6 m, so a boom barrier opens for registered vehicles without a card or a handwritten register. Societies, hospitals, factory and warehouse gates, fleet depots and weighbridges all use it.



6 m
Read range, up to

860–960
MHz, incl. 865–868

U9
UHF chip

Gen2
EPC Gen2 / ISO 18000-6C

Flexible
Follows windscreen curve

WHAT IT DOES

Register, fit and test

REGISTER
Unique ID per vehicle
- U9 chip, EPC Gen2
- ID linked to vehicle and owner
- In your access software
- Standard UHF printers encode it

FIT
High on the windscreen
- Inside of the glass
- Near the rear-view mirror
- Clear of tint bands
- Thin, flexible substrate

TEST
Read at the lane
- Up to 6 m from the reader
- 860–960 MHz, incl. 865–868
- Pole-mounted reader
- Drive a few cars through

WHERE IT WORKS

Where the label is used

Society gates
Residents and visitors

Campus parking
Staff cars

Truck gates
Factories, warehouses

Fleet depots
Entry and exit

Weighbridges
Vehicle ID on weighing

Monthly passes
Parking pass-holders

HOW IT WORKS

From the label to the open barrier

Vehicles
Cars, trucks and buses registered to your site

ID-2294
UHF WINDSHIELD LABEL
- Unique ID in the U9 chip
- Fixed high inside the windscreen
- Read at up to 6 m
- Follows the curve of the glass
- Linked to vehicle and owner

Lane reader
Pole-mounted integrated UHF reader facing the traffic

Gate software
Access, parking or weighbridge software opens the barrier

Labels that stay with one vehicle
For paid passes, the tamper-proof windshield label breaks when peeled off, so it stays with the car it was issued to.

WHY THE ID-2294

One label for cars and trucks

Barriers open on approach
Registered vehicles pass without showing a card, and the guard no longer fills in a register.

Up to 6 m
Read at up to 6 m, depending on the reader, antenna height and angle, and the windscreen glass.

Vehicles and heavy assets
Made for vehicle and heavy-asset identification, from resident cars to trucks at factory gates.

Weighbridge-ready
Logs trucks at factory and warehouse gates, often alongside weighbridge software.

Follows the windscreen
A thin, flexible substrate follows the curvature of the glass.

Standard UHF hardware
EPC Gen2 / ISO 18000-6C: works with standard UHF RFID readers and printers.

Licence-exempt band
Responds across 860–960 MHz, covering India's 865–868 MHz band for readers within the notified power limits.

Your own site system
Works with your site's own reader and access software; FASTag stays with highway tolls.

CHIP AND MEMORY

Air interface

PARAMETER	ID-2294	NOTES
Chip	NXP UCODE 9	Unique ID per label
Air interface	EPC Gen2 / ISO 18000-6C	Standard UHF readers and printers
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 6 m	Depends on reader, antenna and lane set-up

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AT A GLANCE

- Vehicle and heavy-asset ID at gates, read at up to 6 m
- Thin, flexible substrate follows windscreen curvature
- Works with standard UHF RFID readers and printers

SUPPLIED AS

- ID-2294 UHF windshield labels
- U9 chip, EPC Gen2
- Give the number of vehicles with your quotation request

ORDERING

ID-2294	UHF RFID car windshield label (2294-U9), U9 chip, EPC Gen2 / ISO 18000-6C, 860–960 MHz.

SPECIFICATIONS

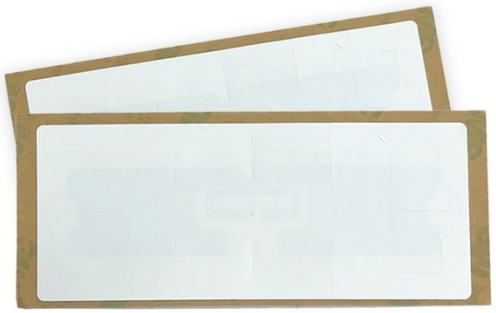
Technical data

RF AND CHIP	
Chip	NXP UCODE 9
Protocol	EPC Gen2 / ISO 18000-6C
Frequency	860–960 MHz (covers India 865–868 MHz)
Read range	Up to 6 m (depends on reader, antenna and lane set-up)

LABEL	
Form factor	UHF RFID windshield label
Material	Thin, flexible substrate
Mounting	Inside of the vehicle windscreen
Compatible with	Standard UHF RFID readers and printers

PRODUCT VIEWS

The label



Plan your gate lane with us.

Ask for a quotation with the number of vehicles and the vehicle types you handle, and tell us about the lane so we can suggest the reader and antenna height.

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Read range depends on the card or tag, its size and the environment. Specifications are indicative and may change without notice; confirm details for your order in the quotation.