UHF RFID · 860–960 MHZ · RETAIL ITEM LABEL

ID-9511-R6

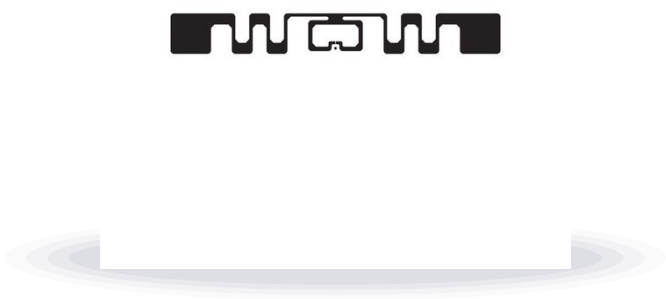
A compact UHF label with an R6 chip for boxed retail goods: shoes, cosmetics and eyewear.

R6 chip | EPC Gen2 | 860–960 MHz | Up to 6 m | Item-level tagging

Every boxed unit with its own EPC.

The **Identium ID-9511-R6** is a compact UHF RFID label on the R6 chip for item-level tagging of boxed retail goods. It answers EPC Gen2 / ISO 18000-6C readers at up to 6 m, responding across 860–960 MHz, which includes India's 865–868 MHz band.

Shoe boxes, cosmetic and fragrance cartons, eyewear cases, boxed bags and belts each get their own EPC. The thin, flexible label sits flat under a printed ticket or straight on a box, and a GS1 EPC encoded at source makes units shelf-ready.



6 m	R6	860–960	865–868	18000-6C
Read range, up to	Chip, EPC Gen2	MHz response band	MHz, India UHF band	ISO air interface

WHAT IT DOES

Encode, place and count

ENCODE
GS1 EPC at source

- SGTIN-96 from your prefix
- Any UHF printer or encoder
- Units arrive shelf-ready
- Encoding to order on request

PLACE
Boxed retail units

- Shoe box end panel to the aisle
- Plain card face, clear of foil
- Flat under a printed ticket
- Same spot on every unit

COUNT
R6 chip, EPC Gen2

- Up to 6 m, antenna-dependent
- Handheld, shelf by shelf
- Desktop reader at the counter
- Fixed readers at the doors

WHERE IT WORKS

Where the label goes

Shoe boxes
Shoe box tagging

Cosmetics
Cosmetics and fragrance

Eyewear
Eyewear cases

Bags and leather
Boxed bags and belts

Omnichannel picks
Online order pick checks

Exit doors
Exit-door reads

HOW IT WORKS

From a tagged box to your store system

Boxed goods
Shoe boxes, cosmetic cartons, eyewear cases and boxed accessories

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ID-9511-R6
COMPACT UHF RFID ITEM LABEL
- Gives each unit its own EPC
- Holds a GS1 number in the R6
- Answers Gen2 readers at 865–868 MHz
- Counted shelf by shelf
- Checked at counter and exit

→

UHF reader
Handheld for counts, desktop at billing, fixed at doors

→

Your software
Retail stock, POS or omnichannel system

Print and encode in-house
Our UHF RFID printers print the face and write the EPC in one pass; a desktop UHF reader encodes labels at the desk.

WHY THE ID-9511-R6

Item-level tagging for boxed goods

Sits flat on a box
Thin and flexible, it lies flat under a printed ticket or straight on the box without adding bulk.

Your GS1 prefix
Any UHF RFID printer or encoder writes a GS1 SGTIN-96 EPC built from your company prefix and item reference.

Shelf-ready on arrival
Encode at source so units arrive ready for the shelf and nobody relabels downstream.

Up to 6 m read range
Depending on antenna, power, orientation and surface; consistent label placement matters most on a shelf.

Placed for the reader
Label the shoe-box end panel that faces the aisle; on cosmetics, pick a plain card face clear of foil.

Counted shelf by shelf
Work a bay shelf by shelf with a handheld, pausing at each level, for a more thorough count.

Exit-door checks
Fixed readers with antennas at the doors check the same labels alongside existing alarm hardware.

A matching on-metal range
For products with metal casings, pair this label with our on-metal RFID tags.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-9511-R6	NOTES
Chip	Impinj R6	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Standard Gen2 UHF readers
Frequency	860–960 MHz	Covers India's 865–868 MHz band
EPC numbering	GS1 SGTIN-96	From your company prefix
Read range	Up to 6 m	Depends on antenna and environment

AT A GLANCE

- Compact UHF label for item-level retail tagging
- Up to 6 m, depending on antenna and environment
- GS1 encoding under your prefix on request

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SUPPLIED AS

- ID-9511-R6 labels in the quantity you order
- Blank, or encoded under your GS1 company prefix on request
- Quoted to your products and printer

ORDERING

ID-9511-R6 Compact UHF RFID label, R6 chip, EPC Gen2, 860–960 MHz.

SPECIFICATIONS

Technical data

RF AND CHIP	
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	EPC Gen2 / ISO 18000-6C
Chip	Impinj R6
Read range	Up to 6 m; depends on antenna and environment

LABEL	
Model	ID-9511-R6
Form factor	Compact UHF RFID label
Material	Thin, flexible substrate
Surfaces	Boxed retail units and small shippers

ENCODING AND READING	
Encoding	UHF RFID printers and encoders; GS1 SGTIN-96
Readers	Handheld, desktop and fixed EPC Gen2 readers

PRODUCT VIEWS

The UHF inlay inside the label



Tag one product line first.

Ask for a quotation with the quantity, and tell us your products and packaging and whether you want the labels encoded under your GS1 prefix.

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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.