UHF RFID · 860–960 MHZ · COMPACT PRINTABLE LABEL

ID-1142

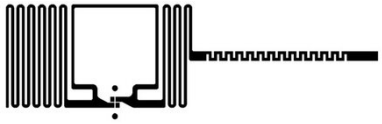
A compact, printable UHF RFID label for product labels you print and encode yourself.

Wet inlay or roll | EPC Gen2 / ISO 18000-6C | 860–960 MHz | Printable | Up to 7 m

Your product label and RFID tag in one.

The **Identium ID-1142** is a compact UHF RFID label, made for teams that print their own product labels. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band. It reads at up to 7 m, depending on the reader and environment.

A UHF RFID printer prints the barcode and description on the face and writes the EPC at the same time, so one label replaces a separate barcode sticker. It comes as a wet inlay or a paper label roll, on a flexible, thin build.



7 m
Read range, up to

Gen2
UHF chip, EPC Gen2

860–960
MHz, covers 865–868

865–868
MHz, India UHF band

1 pass
Print and encode together

WHAT IT DOES

Read, stick and print your own

READ
UHF chip, EPC Gen2

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, covers 865–868
- Up to 7 m, reader-dependent
- Handhelds, fixed, desktop

STICK
Compact, flexible label

- Board, paper or plastic
- Flat and curved surfaces
- Wet inlay or paper roll
- Same face and corner each box

PRINT AND ENCODE
One label, two jobs

- Barcode, description, price
- EPC written in the same pass
- Serialised or pre-encoded
- GS1 EPCs for retail customers

WHERE IT WORKS

Where the label goes

Shoe boxes
Shoe and box labels

Cosmetics
Shelf stock

E-com picking
Pick verification

Bins and totes
Plastic bins, totes

Stockrooms
Retail stockrooms

Accessories
Handbag boxes

HOW IT WORKS

From your product data to a counted stockroom

Your products
Footwear, handbag and accessory boxes, cosmetics packs, bins and totes

ID-1142
COMPACT PRINTABLE UHF RFID LABEL
- Carries barcode and description
- Holds the EPC in its UHF chip
- Replaces a separate barcode sticker
- Answers Gen2 readers, 860–960 MHz
- Read at up to 7 m, reader-dependent

UHF reader
Handheld for stockroom sweeps and packing checks, or a doorway reader

Your software
Retail stock, e-commerce fulfilment or spare-parts records

Check before it ships
A quick read with a handheld at the packing table confirms every label was encoded before goods leave.

WHY THE ID-1142

One printed label for barcode and RFID

Print and encode together
A UHF RFID printer prints barcode, description and price and encodes the chip in the same pass.

One label does both
The ID-1142 takes the place of a separate barcode sticker on each box or pack.

Up to 7 m read range
A maximum; the reader antenna, transmit power and environment set what you get in your racking.

Quick stockroom counts
Shelf-to-stockroom counts with a handheld, without line-of-sight scanning.

GS1 EPCs for retail
If retail customers ask for GS1 EPCs, encode SGTIN-96; serialisation and pre-encoding are available.

Covers India's UHF band
Any standard UHF handheld, fixed or desktop reader set to India's 865–868 MHz band reads and writes it.

Consistent placement
Keep to one face and one corner of each box, so every label meets the reader at a similar angle.

Labels for non-metal surfaces
Made for clean, dry board, paper and plastic; for foil or metal, ask for our on-metal tags; for liquids, our anti-liquid labels.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-1142	NOTES
Chip	Qstar	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Any Gen2 UHF reader or printer
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 7 m	Depends on reader antenna and environment
Form factor	Wet inlay or paper label roll	Compact, printable

Read range depends on the reader antenna, transmit power and environment.

AT A GLANCE
- Compact printable UHF RFID label
- Barcode, text and EPC in one printer pass
- Up to 7 m, depending on reader antenna and environment

SUPPLIED AS
- Wet inlays or paper label rolls
- Blank, or custom printed, serialised and pre-encoded
- Samples to test on your own printer first

ORDERING

ID-1142	Compact printable UHF RFID label, EPC Gen2 / ISO 18000-6C, 860–960 MHz, up to 7 m.

SPECIFICATIONS

Technical data

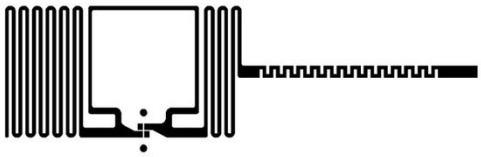
RF AND CHIP	
Chip	Qstar
Protocol	EPC Gen2 / ISO 18000-6C
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Read range	Up to 7 m, depending on reader, antenna and environment

LABEL	
Form factor	Compact printable label; wet inlay or paper label roll
Material	Flexible, thin substrate

ENCODING AND READING	
Printers	Standard UHF RFID label printers and encoders
Readers	Standard EPC Gen2 UHF readers

PRODUCT VIEWS

The UHF inlay inside the label



Print a sample on your own printer.

Ask for samples or a quotation with the quantity, and describe your artwork, numbering and whether you want the labels blank or pre-encoded.

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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.