UHF RFID · 860–960 MHZ · SMART LABEL

ID-3072-U8

A self-adhesive UHF smart label with a U8 chip for printing and encoding in-house.

U8 chip | EPC Gen2 | 860–960 MHz | Up to 6 m | Self-adhesive

Make your own RFID labels on site.

The **Identium ID-3072-U8** is a self-adhesive UHF RFID smart label on the U8 chip, for teams that produce their own labels. Expect reads at up to 6 m from EPC Gen2 / ISO 18000-6C readers on India's 865–868 MHz band, inside its 860–960 MHz response.

Load it into a UHF label printer and each carton, hang tag or polybag label comes out with its text, barcode and EPC in place. The flexible substrate sits flat on carton board and hang-tag stock and follows curved bottles and containers.



6 m	U8	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

Calibrate, print and apply

PRINT AND ENCODE
In your UHF label printer

- Text, barcode and EPC together
- Calibrated to the label pitch
- Written EPCs read back
- Logos and serial numbers

APPLY
Self-adhesive smart label

- Carton board and hang tags
- Polybags
- Curved bottles and containers
- Same face on every carton

READ
U8 chip, EPC Gen2

- Up to 6 m, antenna-dependent
- 860–960 MHz, covers 865–868 MHz
- Handheld, portal or desktop
- Two antenna angles for pallets

WHERE IT WORKS

Where the label goes

Hang tags
Hang tags printed on site

Pharma cartons
Secondary cartons

Durable goods
Appliance and durable boxes

Textile rolls
Textile bolts and rolls

Own-brand packs
Own-brand retail packaging

Export
Export consignments

HOW IT WORKS

From your label printer to your software

Your items
Cartons, hang tags, polybags and curved containers

ID-3072-U8
UHF RFID SMART LABEL
- Printed with text and barcode
- EPC written in the same pass
- Read back before release
- Answers Gen2 readers at 865–868 MHz
- Up to 6 m, antenna-dependent

UHF reader
Handheld, portal or desktop Gen2 reader on the India band

Your software
Inventory, dispatch or your own 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-3072-U8

Your labels, printed when you need them

Made for in-house printing
Produce your own RFID labels instead of ordering pre-encoded rolls: text, barcode and EPC in one pass.

Calibrate once per setup
Run a test pitch so the print head and encoder both line up over the inlay, then print the run.

Verify before release
Read back a written EPC before a roll goes to production, so the set-up is checked first.

Flat board and curved bottles
The flexible substrate beds down on carton board and hang-tag stock and follows curved containers.

Up to 6 m read range
Varying with the reader antenna, power setting and the material behind the label.

Placement that reads well
Use the same carton face across a shipment; on a loaded pallet, a second antenna angle helps.

Your logo and numbering
Custom printing and encoding, including logos, asset numbers, barcodes and serialised EPCs, to order.

Works on India's UHF band
Operates across 860–960 MHz, including India's 865–868 MHz band, on handheld, portal and desktop readers.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-3072-U8	NOTES
Chip	NXP UCODE 8	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
Read range	Up to 6 m	Depends on antenna and environment

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AT A GLANCE

- Self-adhesive UHF smart label for in-house printing
- Up to 6 m, depending on antenna and environment
- Sits on carton board, hang tags, polybags and bottles

SUPPLIED AS

- ID-3072-U8 smart labels for your UHF label printer
- Blank, or custom printed and encoded to order
- Quoted to your printer model

ORDERING

ID-3072-U8	UHF RFID smart label / inlay, U8 chip, EPC Gen2, 860–960 MHz, self-adhesive.

SPECIFICATIONS

Technical data

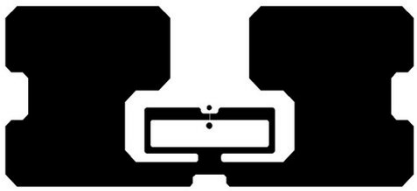
RF AND CHIP	
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	EPC Gen2 / ISO 18000-6C
Chip	NXP UCODE 8
Read range	Up to 6 m; depends on antenna and environment

LABEL	
Model	ID-3072-U8
Type	Smart label / inlay
Material	Thin, flexible substrate
Mounting	Self-adhesive; carton board, hang-tag stock, polybags, curved containers

ENCODING AND READING	
Printing	Standard UHF RFID label printers
Readers	Handheld, portal and desktop EPC Gen2 readers

PRODUCT VIEWS

The UHF inlay inside the label



Set it up on your printer.

Ask for a quotation with the quantity and your printer model, and we can pair the labels with one of our UHF RFID printers if you need one.

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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.