UHF RFID · 860–960 MHZ · PRINTABLE INLAY

ID-4015-U8

A U8 inlay for price tickets, swing tags and paper labels: plain inlay or converted label.

U8 chip, EPC Gen2 | ISO 18000-6C | 860–960 MHz | Up to 6 m | Inlay or paper label

Inside the label, read at up to 6 m.

The **Identium ID-4015-U8** is a compact UHF RFID inlay on the U8 chip, made to sit unseen inside a printed label. Converters build it into price tickets, swing tags and paper labels; warehouses use the finished label on bins, totes and packaged spare parts.

It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz and reads at up to 6 m: enough to count cartons at a dock door or pick out a single item with a handheld. Order it as a plain inlay or a converted paper label.



6 m	860–960	865–868	18000-6C	SGTIN-96
Read range, up to	MHz response	MHz, India UHF band	ISO air interface	GS1 retail encoding

WHAT IT DOES

Read, convert and encode

READ
U8 chip, EPC Gen2

- ISO 18000-6C, 860–960 MHz
- Covers India's 865–868 MHz band
- Up to 6 m, antenna dependent
- Dock doors and handheld picks

CONVERT
Plain inlay or paper label

- Plain inlay for auto application
- Or your own face stock and art
- Converted label for printers
- Thin, sits flat in face stock

ENCODE
One EPC per item

- Encode at the print stage
- GS1 SGTIN-96 for retail goods
- Text, barcode and EPC together
- Pre-encoded on request

WHERE IT WORKS

Where the inlay goes

Price tickets
Apparel price tickets

Footwear boxes
Footwear box labels

Bins and totes
Warehouse bins and totes

Spare parts
Spare parts packaging

Documents
Library and documents

Swing tags
Swing tags and paper labels

HOW IT WORKS

From a printed ticket to your stock system

Your items
Garments, footwear boxes, packaged goods and warehouse bins

ID-4015-U8
PRINTABLE UHF RFID INLAY
- Sits inside a ticket or label
- Holds a unique EPC per item
- Matches the barcode beside it
- Answers Gen2 readers, 860–960 MHz
- Read at up to 6 m

UHF reader
Dock-door fixed reader or handheld set to the India band

Your software
Stock, warehouse or retail system keyed on each EPC

Print and encode in-house
Our UHF RFID printers print text and barcode and write the EPC in one step on the converted paper label.

WHY THE ID-4015-U8

An inlay that disappears into the label

Hidden inside the label
The compact, thin inlay sits flat inside label face stock, so the ticket looks like any other printed label.

Plain inlay for converters
For automatic label application, or for converters adding their own face stock and artwork.

Converted label for printers
The paper label loads into a UHF RFID printer, so text, barcode and EPC are produced in one step.

Retail-ready numbering
Write a GS1 SGTIN-96 per item at the print stage, so nothing has to be keyed in later.

Up to 6 m read range
Count cartons at a dock door or pick out single items with a handheld; range depends on antenna and environment.

Standard Gen2 readers
EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band.

Board, ticket or fabric
The finished label goes on board, ticket stock or fabric: garments, footwear boxes and packaged goods.

A matching on-metal range
For metallised gift boxes and metal parts, choose our on-metal RFID tags.

CHIP AND MEMORY

Chip and air interface

PARAMETER	ID-4015-U8	NOTES
Chip	NXP UCODE 8 (U8)	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
Format	Plain inlay or paper label	Thin, flexible substrate

AT A GLANCE
- U8 chip, EPC Gen2, reads at up to 6 m
- Plain inlay or converted paper label
- Made for tickets, labels, board and fabric

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SUPPLIED AS
- Plain inlays, for automatic application or converting
- Converted paper labels, ready for UHF RFID printers
- Blank, or pre-encoded and custom printed: send your EPC data file and artwork with your quotation request

ORDERING

ID-4015-U8	Printable UHF RFID inlay, U8 chip, EPC Gen2, up to 6 m; plain inlay or converted paper label.

SPECIFICATIONS

Technical data

RF AND CHIP	
Chip	NXP UCODE 8 (U8)
Protocol	EPC Gen2 / ISO 18000-6C
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Read range	Up to 6 m (depends on antenna and environment)

ENCODING	
Compatible with	Standard UHF RFID readers and printers
Numbering	GS1 SGTIN-96 or your own, written at the print stage

INLAY	
Type	Printable inlay; plain or converted paper label
Material	Thin, flexible substrate
Mounting	Board, ticket stock or fabric

SUPPLY	
Options	Blank, pre-encoded or custom printed

PRODUCT VIEWS

The U8 inlay



Try the inlay in your own labels.

Ask for a quotation with the quantity and format, plain inlay or converted label, and send your EPC data file and artwork if you need it pre-encoded or printed.

www.indiarfidstore.com
marketing@indiarfidstore.com
+91 70110 01472

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.