UHF RFID · 860–960 MHZ · COMPACT LABEL

1222-U8

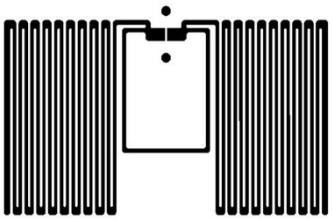
A compact UHF label with a U8 chip for small packs, lab cases and jewellery tickets.

U8 chip | EPC Gen2 | 860–960 MHz | Up to 6 m | Printable, encodable

A UHF label sized for small items.

The **Identium 1222-U8** is a compact UHF RFID label on a thin, flexible substrate, built on the U8 chip. Any EPC Gen2 / ISO 18000-6C reader set to India's 865–868 MHz band reads it at up to 6 m, within an 860–960 MHz response.

It suits items where a full-size label would overhang: vial cartons, blister-packed earbuds, dental impression cases and jewellery tickets. UHF label printers print a code and write the EPC in one pass, or order it pre-printed and pre-encoded.



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

Read, fit and encode

READ
U8 chip, EPC Gen2

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, covers 865–868 MHz
- Up to 6 m, reader-dependent
- Any Gen2 reader on the India band

FIT
A compact footprint

- Fits small packs and tickets
- Centred on the pack or ticket
- Same orientation on every item
- On-metal tags for metal items

PRINT AND ENCODE
Printer-ready label

- Standard UHF label printers
- Item code or barcode on the face
- EPC written in the same pass
- Pre-printed or pre-encoded

WHERE IT WORKS

Where the label goes

Pharmacy packs
Unit packs and vial cartons

Electronics
Chargers, cables, accessories

Lab cases
Dental and optical lab cases

Jewellery tickets
Within the ticket's edge

Tool rooms
Small tool-room items

Blister packs
Blister-packed hardware

HOW IT WORKS

From a small labelled item to your software

Small items
Unit packs, accessory boxes, lab cases and jewellery tickets

1222-U8 label
COMPACT UHF RFID LABEL
- Fits small packs and tickets
- Holds the EPC in the U8 chip
- Answers Gen2 readers at 865–868 MHz
- Printed and encoded in one pass
- Counted on shelves and in trays

UHF reader
Handheld or fixed Gen2 reader on the India band; up to 6 m

Your software
Pharmacy stock, lab tracking, jewellery 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 1222-U8

A full UHF label in a small size

Sized for small items
Made for items where a full-size label would overhang: vial cartons, blister packs, impression cases and price tickets.

Up to 6 m read range
With a suitable reader and antenna; set antennas close to trays and drawers where items sit shoulder to shoulder.

Print and encode in one pass
Standard UHF RFID label printers print an item code or barcode and write the EPC together.

Pre-printed or pre-encoded
Ask for printing and EPC encoding with your quotation, and the labels arrive ready to apply.

Works on India's UHF band
Responds across 860–960 MHz, which includes India's 865–868 MHz band, on any EPC Gen2 reader set to it.

Placement that reads well
Centre it on the pack or ticket, clear of foil, metal and liquid, with the same orientation on every item.

Chips across the 1222 series
Choose the 1222-U8 when your printer or software is qualified on the U8 chip; the 1222-M700 carries the M700.

A matching on-metal range
For metal items, pair this label with our on-metal UHF tags.

CHIP AND MEMORY

Air interface and memory

PARAMETER	1222-U8	NOTES
Chip	NXP UCODE 8	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Any Gen2 UHF reader
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 6 m	Depends on reader, antenna and environment

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AT A GLANCE
- Compact UHF label for small packs, cases and tickets
- Up to 6 m, depending on reader, antenna and environment
- Prints and encodes on standard UHF RFID printers

SUPPLIED AS
- 1222-U8 labels in the quantity you order
- Blank, or pre-printed and pre-encoded on request
- Printing and encoding quoted to your item

ORDERING

1222-U8 Compact UHF RFID label, U8 chip, EPC Gen2, 860–960 MHz (listing code ID-RFID0S1222U8LABEL).

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 reader, antenna and environment

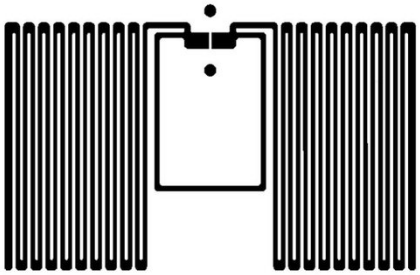
SUPPLY	
Options	Blank, pre-printed or pre-encoded

LABEL	
Model	1222-U8 (ID-RFID0S1222U8LABEL)
Form factor	Compact UHF RFID label
Material	Thin, flexible substrate
Surfaces	Small non-metal items: packs, cases, tickets

ENCODING AND READING	
Printing	Standard UHF RFID label printers and encoders
Readers	Any EPC Gen2 UHF reader set to 865–868 MHz

PRODUCT VIEWS

The UHF inlay inside the label



Test it on your smallest items.

Ask for a quotation with the quantity, and tell us what you are labelling and whether you need the labels blank, pre-printed 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.