UHF RFID · 860–960 MHZ · PARCEL LABEL

ID-2797-U8

A UHF shipping label with a U8 chip, so every parcel and bag has its own ID.

U8 chip | EPC Gen2 | 860–960 MHz | Up to 6 m | Print and encode

One ID for every parcel.

The **Identium ID-2797-U8** is a UHF RFID label on the U8 chip with a thin, flexible substrate for cartons and poly mailers. Read range is up to 6 m on standard EPC Gen2 / ISO 18000-6C readers, and its 860–960 MHz response covers India's 865–868 MHz band.

It suits e-commerce fulfilment, courier hubs and businesses moving goods between branches. At packing, an RFID printer prints the shipping or AWB details and writes the same number to the chip; sorting tables and dock doors then log every parcel in a bag at once.



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

Print, sort and receive

PRINT AND ENCODE
At the packing station

- AWB or shipping details printed
- Same number in the chip
- One pass on a UHF printer
- Calibrated to the label

SORT AND DISPATCH
U8 chip, up to 6 m

- Sorting tables and dock doors
- A whole cage or bag at once
- EPC Gen2 / ISO 18000-6C
- 865–868 MHz India band

RECEIVE
At the other end

- Branch receiving in one read
- Returns desk checks
- Cartons and poly mailers
- Largest flat face of the pack

WHERE IT WORKS

Where the label goes

E-commerce	Courier bags	Dispatch checks	Returns	Branch transfers	Sorting tables
E-commerce parcels	Courier bag labels	Dispatch verification	Returns processing	Inter-branch transfers	Hub sorting reads

HOW IT WORKS

From a packed parcel to your dispatch records

Parcels
Cartons, poly mailers and courier bags at packing and dispatch

ID-2797-U8
UHF RFID SHIPPING LABEL
- Carries the printed AWB details
- Holds the same number in the U8
- Answers Gen2 readers at 865–868 MHz
- Read in a cage or bag at once
- Confirmed again on receipt

UHF reader
Fixed reader at the sorting table or dock door, handheld for searches

Your software
Order, courier or returns system, or your own software

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-2797-U8

One ID per parcel, read in bulk

Print and encode together
A UHF RFID label printer prints the text and barcode and writes the EPC in the same pass.

Dispatch without scanning
A reader at the sorting table or dock door logs every parcel in a cage or bag.

Receive with one read
The receiving branch or the returns desk confirms the consignment with a single read.

Up to 6 m read range
Depending on reader power, antenna and contents; set antennas close to tightly packed cages and bags.

Cartons and poly mailers
UHF reads through thin poly-mailer film; lay the label flat on the largest face, off folds and edges.

Works on India's UHF band
Responds across 860–960 MHz, which covers India's 865–868 MHz band, on standard EPC Gen2 readers.

Choosing the right face
Put the label on the face furthest from metal or liquid contents for steadier reads.

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

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-2797-U8	NOTES
Chip	NXP UCODE 8	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Standard UHF RFID readers
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

- UHF shipping label for parcels, bags and cartons
- Up to 6 m, depending on reader, antenna and environment
- Prints and encodes on standard UHF RFID printers

SUPPLIED AS

- ID-2797-U8 labels in the quantity you order
- For cartons and poly mailers
- Quoted to your printer and parcel volume

ORDERING

ID-2797-U8	UHF RFID shipping label, U8 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	NXP UCODE 8
Read range	Up to 6 m; depends on reader, antenna and environment

LABEL	
Model	ID-2797-U8
Form factor	UHF RFID label
Material	Thin, flexible substrate
Mounting	Flat or curved non-metal surfaces

ENCODING AND READING	
Printing	Standard UHF RFID label printers
Readers	Fixed, handheld or desktop EPC Gen2 readers

PRODUCT VIEWS

The UHF inlay inside the label



Run a test batch of parcels.

Ask for a quotation with the quantity and your daily parcel volume, and tell us your label printer and read points: sorting table, dock door or both.

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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.