UHF RFID · 860–960 MHZ · LOGISTICS LABEL

ID-4444-U8

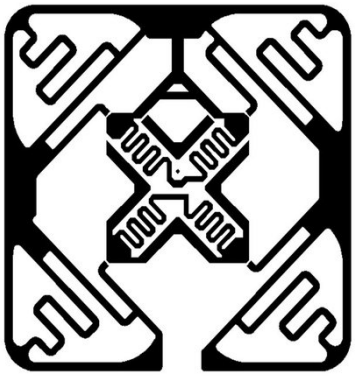
A UHF shipping label with a U8 chip, so consignments are checked at every hand-over.

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

Count the consignment at every hand-over.

The **Identium ID-4444-U8** is a thin, flexible UHF RFID logistics label on the U8 chip for flat or curved packaging. Across 860–960 MHz it covers India's 865–868 MHz band, and EPC Gen2 / ISO 18000-6C portals and handhelds read it at up to 6 m.

It is made for shippers, transporters and 3PLs: cartons and pallets counted again at a hub, a godown and the customer's receiving bay. A portal or handheld checks a whole consignment while it is still on the pallet.



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, dispatch and hand over

PRINT AND ENCODE — At packing

- Barcode and consignment number
- Your logo on the face
- EPC written in the same pass
- GS1 SSCC per carton or pallet

DISPATCH — At the loading door

- Every invoiced carton read
- Up to 6 m, reader-dependent
- Portal or handheld
- Still on the pallet

HAND OVER — At hubs and consignees

- Read on arrival
- Matched to the shipping notice
- Partners' Gen2 readers
- Export-ready 860–960 MHz

WHERE IT WORKS

Where the label goes

Dispatch checks	Hand-overs	Hub sorting	Pallets	Inward gates	Delivery proof
Outbound dispatch checks	Consignment hand-overs	Hub and cross-dock sorting	Pallet identification	Inward gate scanning	Delivery verification

HOW IT WORKS

From your packing bench to the consignee

Consignments
Corrugated cartons and wrapped pallet loads moving between sites

ID-4444-U8
UHF RFID LOGISTICS LABEL
- Carries barcode and consignment number
- Holds an SSCC or EPC in the U8
- Answers Gen2 readers at 865–868 MHz
- Read at dispatch, hubs and arrival
- Up to 6 m, reader-dependent

UHF reader
Gate reader at the loading door, handhelds at hubs, India band

Your software
WMS, TMS or the consignee's receiving system

Readers for every read point
Fixed UHF readers and gate antennas for dock doors, handhelds for counts, printers to encode: ask us to match them.

WHY THE ID-4444-U8

One label from dispatch to delivery

Printed and encoded together
A UHF RFID printer prints the barcode, consignment number and logo while it writes the EPC.

Check the truck before it leaves
A reader at the loading door confirms every carton on the invoice is on the truck.

Check every hand-over
Hubs and the consignee read the load on arrival and match it against the advance shipping notice.

Up to 6 m read range
Depending on antenna, power, orientation and contents; run a full pallet through your door before fixing positions.

GS1 SSCC for partners
Encode a GS1 SSCC per carton or pallet so partners read it in their own systems.

Export-ready
Responds across 860–960 MHz: India's 865–868 MHz band and the UHF bands used abroad.

Placed for the portal
Same height and face on every carton, clear of metal strapping, foil inner packs and bottled liquids.

Pre-printed to your format
Labels can also be supplied pre-printed and pre-encoded to your numbering format.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-4444-U8	NOTES
Chip	U8	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 and bands abroad
Encoding	GS1 SSCC or your numbering	Per carton or pallet
Read range	Up to 6 m	Depends on reader, antenna and environment

Read range depends on the reader antenna, power, label orientation and carton contents.

AT A GLANCE
- UHF logistics label for cartons and pallets
- Up to 6 m, depending on reader, antenna and environment
- Pre-printed and pre-encoded to your format on request

SUPPLIED AS
- ID-4444-U8 labels in the quantity you order
- Blank, or pre-printed and pre-encoded to your format
- Quoted to your numbering and artwork

ORDERING

ID-4444-U8 UHF RFID logistics label, U8 chip, EPC Gen2, 860–960 MHz.

SPECIFICATIONS

Technical data

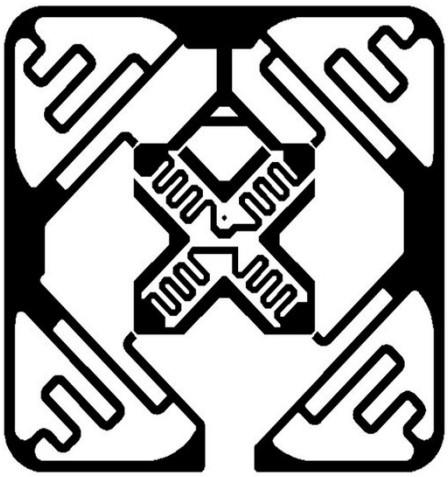
RF AND CHIP	
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	EPC Gen2 / ISO 18000-6C
Chip	U8
Read range	Up to 6 m; depends on reader, antenna and environment

LABEL	
Model	ID-4444-U8
Type	UHF RFID logistics label
Material	Thin, flexible substrate
Surfaces	Corrugated boxes and wrapped loads, flat or curved

ENCODING AND READING	
Printing	Standard UHF RFID printers
Readers	EPC Gen2 UHF portals, gate readers and handhelds

PRODUCT VIEWS

The UHF inlay inside the label



Run one consignment through.

Ask for a quotation with the quantity and your numbering format, and tell us your dispatch and receiving points so we can plan the readers.

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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.