UHF RFID · 860–960 MHZ · CARTON AND PALLET LABEL

ID-0894-U8

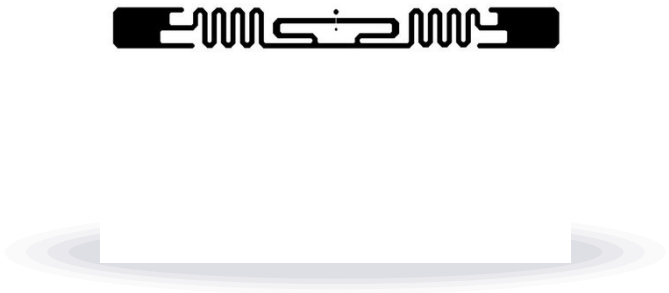
A U8-chip UHF label for cartons, cases and pallets, read at dock doors and with handhelds.

U8 chip | EPC Gen2 | 865–868 MHz | Up to 6 m | Cartons and pallets

Check a whole pallet in one pass.

The **Identium ID-0894-U8** is a UHF RFID label on the U8 chip for godowns, distribution centres and 3PL sites. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz and reads at up to 6 m, depending on antenna and environment.

On shipper cartons, cases or pallet placards, it lets dock-door readers, forklift readers and handhelds check a whole pallet in one pass instead of carton-by-carton barcode scans. Its thin, flexible substrate suits corrugated boxes, stretch-wrapped pallets and plastic crates.



6 m	U8	860–960	865–868	2 sides
Read range, up to	Chip	MHz frequency range	MHz, India UHF band	Pallet labels per load

WHAT IT DOES

Read, place and encode

READ
U8 chip, EPC Gen2
- EPC Gen2 / ISO 18000-6C
- Covers India's 865–868 MHz band
- Up to 6 m for dock-door reads
- A pallet checked in one pass

PLACE
Cartons, cases and pallets
- Carton face toward the antenna
- Two adjacent sides on pallets
- Corrugated boxes and crates
- Stretch-wrapped pallets

ENCODE
Barcode and EPC match
- Carton ID or GS1 SSCC
- Barcode printed on the face
- Same number in the EPC
- On a UHF RFID printer

WHERE IT WORKS

Where the label goes

Receiving
Inbound receiving checks

Dock doors
Dispatch checks at the door

Pallets
Pallet tracking

Cycle counts
Rack cycle counting

Crate pools
Returnable crate pools

WMS records
Linked to ASN, order or bin

HOW IT WORKS

From a labelled carton to your WMS

Your stock
Shipper cartons, cases, pallet placards and plastic crates

ID-0894-U8
UHF RFID WAREHOUSE LABEL
- Holds the carton ID or SSCC
- Shows the same number as a barcode
- U8 chip, EPC Gen2
- Answers readers at 865–868 MHz
- Read at up to 6 m at the dock

UHF readers
Gate or portal reader at each dock door; handhelds for counts

Your WMS
Receiving, put-away, cycle counts and dispatch checks

Print and encode at packing
A UHF RFID printer prints the carton ID and barcode and writes the same number into the EPC.

WHY THE ID-0894-U8

Faster receiving and dispatch

A pallet in one pass
Dock-door, forklift and handheld readers check every labelled carton on a pallet together, without line-of-sight scanning.

Up to 6 m read range
Enough for dock-door and portal reading of moving pallets; reader power, orientation and contents set the figure.

U8 chip, EPC Gen2
EPC Gen2 / ISO 18000-6C across 860–960 MHz, read by gate, forklift and handheld readers on India's 865–868 MHz band.

Barcode and RFID together
Print the carton ID or GS1 SSCC as a barcode while the printer writes it to the EPC: one label for scanners and readers.

Made for cartons and crates
The thin, flexible substrate suits corrugated boxes, stretch-wrapped pallets and plastic crates.

Placement that reads
Label the carton face that points at the antenna; on pallets, label two adjacent sides so one always faces the portal.

Linked to your WMS
The tag number links to the ASN, order or bin location, for receiving, put-away, cycle counts and dispatch.

A matching on-metal range
Label liquid-filled cartons away from the contents; for metal surfaces, pair this label with our on-metal tags.

CHIP AND MEMORY

Air interface and chip

PARAMETER	ID-0894-U8	NOTES
Chip	NXP UCODE 8	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Standard UHF readers and RFID printers
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Encoded ID	Carton ID or GS1 SSCC	Matches the printed barcode
Read range	Up to 6 m	Depends on antenna and environment

AT A GLANCE

- U8 chip, EPC Gen2, for cartons, cases and pallets
- Up to 6 m for dock-door and portal reading
- Barcode and EPC printed and encoded in one label

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SUPPLIED AS

- UHF RFID labels on a thin, flexible substrate
- For printing and encoding on UHF RFID printers
- Give the quantity and your numbering with your quotation request

ORDERING

ID-0894-U8 UHF RFID warehouse label, U8 chip, EPC Gen2, up to 6 m, for cartons, cases and pallets.

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 (depending on antenna and environment)

ENCODING AND READING

Encoding	UHF RFID printer: barcode and EPC together
Readers	Gate, portal, forklift and handheld UHF readers

LABEL

Type	UHF RFID label / inlay
Substrate	Thin, flexible
Surfaces	Corrugated boxes, stretch-wrapped pallets, plastic crates

PLACEMENT

Cartons	On the face that points at the reader antenna
Pallets	Two adjacent sides

PRODUCT VIEWS

The label inlay



Pilot it at your own dock door.

Ask for a quotation with the quantity, and tell us what goes in the cartons and how pallets pass your doors; we will suggest the readers to match.

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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.