UHF RFID · 860–960 MHZ · INVENTORY LABEL

ID-2294-U8

A UHF inventory label with a U8 chip: count a whole shelf in one handheld sweep.

U8 chip | EPC Gen2, 18000-6C | 865–868 MHz India | Up to 6 m read range | Lockable EPC

Count the shelf, not the barcodes.

The **Identium ID-2294-U8** is a UHF RFID label on a U8 chip, made for day-to-day stock control. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band, on a thin, flexible substrate for boxes, poly packs and plastic bins.

Once every box, bin or file carries one, a handheld reader counts a whole shelf from up to 6 m in a single pass, instead of someone scanning barcodes item by item. Encode it on a UHF RFID printer or desktop reader.



6 m	1 pass	865–868	860–960	18000-6C
Read range, up to	Counts a whole shelf	MHz, India UHF band	MHz response	ISO protocol, EPC Gen2

WHAT IT DOES

Encode, label, sweep

ENCODE
SKU and serial in the EPC

- RFID printer or desktop reader
- SKU plus a serial number
- Lock the EPC after writing
- Pre-encoded on request

LABEL
Thin, flexible label

- Boxes, poly packs and bins
- Flat or curved surfaces
- Same face on every unit
- Facing the aisle

SWEEP
Count with a handheld

- Up to 6 m, reader-dependent
- No line of sight needed
- Whole shelf in one pass
- Reconcile in your software

WHERE IT WORKS

Where the label goes

Cycle counts
Stockroom cycle counts

Godowns
Distributor godowns

Pharmacy stock
Pharmacy back stock

Hospital stores
Consumables stores

Spare parts
Spare-parts counters

Record rooms
Files and record boxes

HOW IT WORKS

From a labelled shelf to a stock count

Your stock
Boxed goods, poly packs, plastic bins and files on the shelf

ID-2294-U8
UHF INVENTORY LABEL
- Holds the SKU and a serial
- EPC locked after encoding
- Answers readers at 865–868 MHz
- Reads at up to 6 m
- Counted in bulk with others

UHF handheld
Walk the aisle with a Gen2 handheld set to the India band

Your software
Inventory software, or Excel export for smaller set-ups

Prove the first count
Hand-count one rack alongside the first RFID count to confirm the read rate before you roll out across the store.

WHY THE ID-2294-U8

Stock counts in a single sweep

A shelf in one pass
A UHF handheld reads every labelled item within range without line of sight: one sweep, not one scan per item.

Up to 6 m read range
Enough to count a shelf from the aisle; the reader, antenna and environment set the exact figure.

Lock the EPC
Write the SKU and serial, then lock the EPC so it cannot be overwritten by mistake.

Encode in-house
Standard UHF RFID printers and desktop readers write the label at your own desk.

Pre-encoded to your scheme
Pre-encoding to your SKU and serial scheme and custom printing can be requested with your quote.

From labels to a count
Labels, an encoder, a UHF handheld and inventory software that accepts RFID reads: the whole starter set.

Thin and flexible
Follows boxes, poly packs and plastic bins, flat or curved.

Matching tags for metal and liquids
For metal items choose our on-metal RFID tags; for liquid-filled bottles, our anti-liquid UHF labels.

CHIP AND MEMORY

Air interface and chip

PARAMETER	ID-2294-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
EPC	SKU and serial, lockable	Lock after encoding
Read range	Up to 6 m	Depends on reader, antenna and environment

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AT A GLANCE

- Counts a shelf of labelled stock in one handheld sweep
- Up to 6 m, depending on reader, antenna and environment
- Made for boxes, poly packs, plastic bins and files

SUPPLIED AS

- UHF RFID labels on a thin, flexible substrate
- Blank, or pre-encoded to your SKU and serial scheme
- Custom printing on request with your quotation

ORDERING

ID-2294-U8	UHF RFID inventory label, U8 chip, EPC Gen2, up to 6 m.

SPECIFICATIONS

Technical data

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

SUPPLY	
Options	Blank, pre-encoded or custom printed

LABEL	
Form factor	UHF RFID label
Substrate	Thin, flexible
Mounting	Flat or curved non-metal surfaces

ENCODING AND READING	
Encoding	UHF RFID printer or desktop UHF reader
Counting	UHF handheld reader, 865–868 MHz

PRODUCT VIEWS

The UHF inlay antenna



Count your first rack with RFID.

Ask for a quotation with the quantity and any pre-encoding or printing, and tell us what you stock and how you count it today.

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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.