UHF RFID · 860–960 MHZ · COMPACT RETAIL TAG

ID-4229-U8

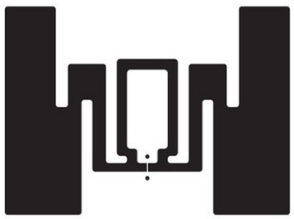
A compact U8 tag for price tickets, hang tags and box labels on every sellable unit.

U8 chip, EPC Gen2 | ISO 18000-6C | 860–960 MHz | Up to 6 m | Compact inlay

One tag in every sellable unit.

The **Identium ID-4229-U8** is a compact UHF tag on the U8 chip for retailers and brands that tag every sellable unit. Placed inside a price ticket or on a shoe-box label, it lets staff count a stockroom shelf with a handheld from up to 6 m.

Its thin, flexible substrate lies flat in card stock or on a carton panel. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, and converted into labels it prints and encodes on standard UHF RFID printers.



6 m	860–960	865–868	18000-6C	SGTIN-96
Read range, up to	MHz response	MHz, India UHF band	ISO air interface	GS1 retail encoding

WHAT IT DOES

Read, fit and encode per unit

READ
U8 chip, EPC Gen2

- ISO 18000-6C, 860–960 MHz
- Covers India's 865–868 MHz band
- Up to 6 m, reader dependent
- A full basket at the counter

FIT
Inside tickets and labels

- Fits inside printed tickets
- Lies flat on a carton panel
- Same end panel on every box
- Clear of buckles and foil board

ENCODE
One number per unit

- GS1 SGTIN-96 per unit
- Matches the barcode beside it
- Print and encode in-house
- Pre-encoded on request

WHERE IT WORKS

Where the tag goes

Footwear boxes
Boxes stacked in the stockroom

Accessories
Accessory packaging

Price tickets
Apparel price tickets

Cycle counts
Store cycle counts

Billing counters
Billing counter reads

Watches and bags
Sold in printed cartons

HOW IT WORKS

From a tagged unit to your store system

Sellable units
Footwear boxes, accessory cartons and apparel price tickets

ID-4229-U8
COMPACT UHF RFID TAG
- Sits in a ticket or box label
- Holds a GS1 SGTIN-96 per unit
- Matches the printed barcode
- Answers Gen2 readers, 860–960 MHz
- Read at up to 6 m

UHF reader
Handheld for stockroom shelves; RFID billing counter for full baskets

Store system
Stock counts, replenishment and billing keyed on each SGTIN

Print and encode in-house
Converted into labels, it runs on our UHF RFID printers, which print the barcode and text while writing the EPC.

WHY THE ID-4229-U8

Small enough for every unit

Every sellable unit
Made for retailers and brands that tag item by item: footwear, accessories and apparel.

Fits inside tickets
Its compact form fits inside printed tickets and box labels, and the thin substrate lies flat in card stock.

Shelf counts from up to 6 m
Count a stockroom shelf with a handheld from up to 6 m, depending on reader and setting.

Unique and barcode-matched
A GS1 SGTIN-96 makes each unit unique while still matching the barcode printed beside it.

Print and encode in-house
Converted into labels, it runs on standard UHF RFID printers that print barcode and text while writing the EPC.

Consistent shelf reads
Put it on the same end panel of every box, so shelf reads are consistent.

Standard Gen2 readers
EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band.

A tag for every product
For metal or liquid-filled products, choose our on-metal or anti-liquid tags.

CHIP AND MEMORY

Chip and air interface

PARAMETER	ID-4229-U8	NOTES
Chip	NXP UCODE 8	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Standard Gen2 UHF readers
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 6 m	Depends on reader, antenna and environment
Type	Compact UHF tag / inlay	Thin, flexible substrate

AT A GLANCE
- U8 chip, EPC Gen2, reads at up to 6 m
- Compact: fits inside price tickets and box labels
- Pre-encoding and custom printing on request

NXP and UCODE are trademarks of NXP B.V.

SUPPLIED AS
- Compact UHF RFID tags / inlays
- Blank, or pre-encoded and custom printed on request
- Give the quantity, numbering and artwork with your quotation request

ORDERING

ID-4229-U8	Compact UHF RFID retail tag, U8 chip, EPC Gen2, up to 6 m read range.

SPECIFICATIONS

Technical data

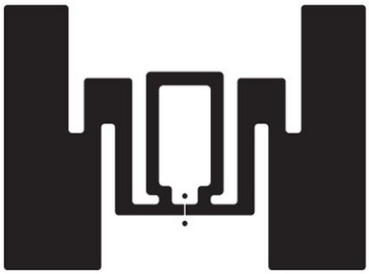
RF AND CHIP	
Chip	NXP UCODE 8
Protocol	EPC Gen2 / ISO 18000-6C
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Read range	Up to 6 m (depends on reader, antenna and environment)

ENCODING	
Compatible with	Standard UHF RFID readers and printers
Numbering	GS1 SGTIN-96 or your own

TAG	
Model	ID-4229-U8
Type	Compact UHF RFID tag / inlay
Material	Flexible, thin substrate
Placement	Price tickets, hang tags and box labels

PRODUCT VIEWS

The U8 inlay



Tag a shelf of your own stock.

Ask for a quotation with the quantity and any pre-encoding or printing, and tell us which products and boxes you are tagging.

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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.