UHF RFID · 865–868 MHZ · APPAREL TAG

ID-3050

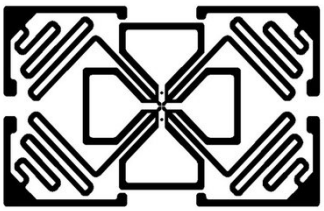
A 30 × 50 mm printable UHF apparel tag: size, price, barcode and RFID on one ticket.

U8 chip | 128-bit EPC | 30 × 50 mm | Thermal transfer | 2–5 m free air

One swing ticket instead of two.

The **Identium ID-3050** is a near-square 30 × 50 mm UHF RFID apparel tag with a printable face. It has room for size, colour, price and barcode, so one swing ticket replaces the separate paper price label and stores handle one tag per garment.

Its U8 chip holds a 128-bit EPC and works to EPC Gen2 / ISO 18000-6C at 865–868 MHz. It reads at 2–5 m in free air and 1–3 m through folded fabric, enough for receiving, replenishment and full-rack stock audits.



2–5 m	1–3 m	30 × 50	128-bit	865–868
Read range, free air	Through folded fabric	Tag size, mm	EPC memory	MHz, India UHF band

WHAT IT DOES

Read, print and supply

READ
U8 chip, 128-bit EPC

- EPC Gen2 / ISO 18000-6C
- 865–868 MHz, India band
- 2–5 m free air
- 1–3 m through folded fabric

PRINT
Printable face

- Size, colour, price, barcode
- Thermal transfer printing
- Desktop RFID printers
- Print and encode in one pass

SUPPLY
Rolls or fan-fold

- Printable PET/paper face
- Permanent adhesive
- Rolls or fan-fold
- Printed and encoded to order

WHERE IT WORKS

Where the tag goes

Swing tickets
Swing ticket replacement

Designer wear
Ethnic and designer wear

Stock audits
Season-end stock audits

Multi-brand
Multi-brand retail outlets

Pop-up stores
Pop-up store inventory

Receiving
Backroom receiving

HOW IT WORKS

From the printer to the shop floor

Your garments
Ethnic, designer and everyday wear from your own lines or vendors

→

ID-3050
UHF RFID APPAREL TAG
- Shows size, colour, price, barcode
- Holds a 128-bit EPC in the U8 chip
- Answers Gen2 readers, 865–868 MHz
- 2–5 m in free air
- 1–3 m through folded fabric

→

UHF reader
Handheld for rack audits, fixed reader at receiving

→

Store software
Receiving, replenishment and stock audits

Print on demand
Stores and vendors print and encode tags on demand with a UHF RFID printer that takes 30 × 50 mm media.

WHY THE ID-3050

The price ticket and the RFID tag in one

Replaces the price label
At 30 × 50 mm the face has room for size, colour, price and barcode: one RFID swing ticket per garment.

A familiar shape
The near-square proportions match the price cards many ethnic and designer wear brands already use.

Reads through stacks
2–5 m in free air and 1–3 m through folded fabric, depending on the reader and antenna.

Audits on the rail
Full-rack stock audits with a UHF handheld, without taking garments off the rail.

Print and encode in one pass
A desktop UHF RFID printer prints by thermal transfer and encodes the chip in the same pass.

One format across vendors
A uniform tag format across vendors simplifies receiving at multi-brand outlets.

India UHF band
Operates at 865–868 MHz to EPC Gen2 / ISO 18000-6C, read by standard handheld and fixed UHF readers.

Printed and encoded to order
Send your artwork and numbering scheme with your quotation request; supplied on rolls or fan-fold.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-3050	NOTES
Chip	NXP UCODE 8 (U8)	Read and written over EPC Gen2
EPC memory	128 bits	Item or SKU number
Air interface	EPC Gen2 / ISO 18000-6C	Handheld and fixed UHF readers
Frequency	865–868 MHz	India UHF band
Read range	2–5 m free air; 1–3 m folded fabric	Depends on reader and antenna

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AT A GLANCE

- 30 × 50 mm printable UHF apparel tag, U8 chip
- 2–5 m in free air, 1–3 m through folded fabric
- Thermal transfer printing on desktop RFID printers

SUPPLIED AS

- Rolls or fan-fold, to suit your printer
- Blank, or printed with your artwork and encoded with your numbering scheme

ORDERING

ID-3050	UHF RFID apparel tag 30 × 50 mm, U8 chip, 128-bit EPC, 865–868 MHz, printable face, permanent adhesive.

SPECIFICATIONS

Technical data

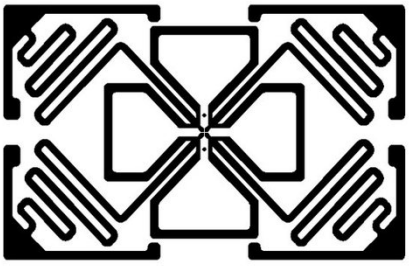
RF AND CHIP	
Chip	NXP UCODE 8 (U8)
Memory	128-bit EPC
Frequency	865–868 MHz (India)
Protocol	EPC Gen2 / ISO 18000-6C
Read range	2–5 m (free air); 1–3 m (folded fabric)

TAG	
Dimensions	30 × 50 mm
Material	Printable PET/paper face, permanent adhesive
Packaging	Rolls or fan-fold

PRINTING	
Method	Thermal transfer on desktop RFID printers
Encoding	In the same pass as printing

PRODUCT VIEWS

The antenna inside



Print a sample run.

Ask for a quotation with the quantity, your artwork and numbering scheme, and whether you need rolls or fan-fold. Samples are available.

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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.