UHF RFID · 860–960 MHZ · COMPACT INLAY LABEL

E41C

A compact, general-purpose UHF inlay label for cartons, bins, files and packaging.

EPC Gen2 / ISO 18000-6C | Up to 6 m read range | 860–960 MHz | Compact inlay label | Thin, flexible base

Count a stack or a shelf in one pass.

The **Identium E41C** is a compact, general-purpose UHF RFID inlay label for the everyday items a warehouse, factory or store has to count: outbound cartons, plastic totes and bins, document files and boxed products.

Each label carries its own EPC number, so a stack or a shelf is read in one pass with a UHF reader at up to 6 m. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band.



6 m	860–960	865–868	Gen2	18000-6C
Read range, up to	MHz response band	MHz, India UHF band	EPC air interface	ISO protocol

WHAT IT DOES

Read, stick and encode

READ
Gen2 UHF, up to 6 m

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, India band included
- A stack read in one pass
- Handheld, fixed or desktop

STICK
Flat faces and gentle curves

- Carton sides and bin walls
- File spines
- Thin, flexible substrate
- On-metal tags for steel racks

ENCODE
Your own EPC or item code

- UHF printer or desktop reader
- Print and encode in one pass
- Pre-encoding on request
- Barcode and text on the face

WHERE IT WORKS

Where it goes

Cartons and crates
Carton and crate tracking

Plastic bins
Bin inventory

Files
File and folder tracking

Retail packs
Retail packaging

Receiving
Warehouse receiving

WIP
Work-in-progress tracking

HOW IT WORKS

From a tagged item to your software

Your items
Outbound cartons, plastic totes and bins, files and boxed products

E41C label
COMPACT UHF INLAY LABEL
- Sticks to cartons, bins and files
- Carries its own EPC number
- Answers Gen2 readers, 860–960 MHz
- Read at up to 6 m
- A whole shelf read in one pass

UHF reader
Gen2 handheld, fixed or desktop reader on 865–868 MHz; up to 6 m

Your software
Inventory, warehouse, WIP or file-tracking software

Print and encode in-house
Our UHF RFID printers print and encode labels in one pass; a desktop UHF reader encodes them at the desk.

WHY THE E41C

An everyday label for counting stock

General purpose
One compact label for cartons, plastic bins, files and retail packaging across a warehouse, factory or store.

One pass, many items
Each label has its own EPC, so a stack of cartons or a shelf of files is read in one pass.

Up to 6 m read range
With a suitable reader antenna in open conditions; test on your own goods before setting reader power.

Flat faces and curves
The thin, flexible substrate follows a carton side, a bin wall or a file spine.

Print and encode
On an RFID label printer, the EPC is written in the same pass that prints the barcode and text.

Works with Gen2 readers
Handheld, fixed or desktop EPC Gen2 readers on India's 865–868 MHz band read it.

Placed for the reader
Apply it to the face your reader antennas will see, away from edges where cartons press together.

Matching specialist tags
For steel racks, tools or drums, choose our on-metal tags; for bottles, our anti-liquid UHF label.

CHIP AND AIR INTERFACE

Air interface and read range

PARAMETER	E41C	NOTES
Air interface	EPC Gen2 / ISO 18000-6C	Any Gen2 UHF reader or printer
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 6 m	Depends on reader, antenna and environment
Formats	Compact inlay label	Thin, flexible substrate
Encoding	Your EPC or item code	Printer, desktop reader, or to order

AT A GLANCE
- Compact UHF inlay label for cartons, bins, files and packs
- Up to 6 m, depending on antenna and environment
- Encodes on standard UHF RFID printers and readers

SUPPLIED AS
- Compact UHF inlay labels
- Blank for in-house encoding, or pre-encoded on request
- Give the quantity and any encoding with your quotation request

ORDERING

E41C	Code ID-RFIDE41CTAG. Compact UHF RFID inlay label, EPC Gen2, 860–960 MHz.

SPECIFICATIONS

Technical data

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

SUPPLY	
Options	Blank, or pre-encoded on request

INLAY	
Model	E41C
Form factor	Compact UHF inlay label
Substrate	Thin and flexible, for flat or gently curved faces
Typical items	Cartons, plastic bins, files, retail packaging

ENCODING AND READING	
Readers	Any EPC Gen2 UHF reader set to 865–868 MHz: handheld, fixed or desktop
Encoding	UHF RFID printer-encoder or desktop UHF reader
Printing	UHF RFID label printer, in the same pass as encoding

PRODUCT VIEWS

The UHF inlay antenna



Read a shelf of your own stock.

Ask for a quotation with the quantity, tell us what you are labelling, and say whether you need the labels blank or pre-encoded.

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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.