UHF RFID · 860–960 MHZ · COMPACT INLAY

ID-2040

A compact UHF inlay tag for retail packs, cartons and stockroom counts.

Thin, flexible | EPC Gen2 / ISO 18000-6C | Up to 7 m read range | 860–960 MHz | Compact inlay

One handheld sweep covers a shelf bay.

The **Identium ID-2040** is a compact UHF RFID inlay tag, working to EPC Gen2 / ISO 18000-6C across 860–960 MHz. Rated for up to 7 m, it covers India's 865–868 MHz band.

That reach lets one handheld sweep cover a full shelf bay, a back-room rack or a stack of cartons, in place of scanning barcode after barcode. Stick it under a price label or inside the pack, on packaged goods, toys, stationery and gift items.



7 m	EPC	860–960	865–868	Gen2
Read range, up to	UHF chip	MHz response band	MHz, India UHF band	EPC air interface

WHAT IT DOES

Read, stick and encode

READ
UHF chip, up to 7 m

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, India band included
- A shelf bay in one sweep
- Up to 7 m, reader-dependent

STICK
Under a label or in the pack

- Clean, dry, non-metal faces
- Under a price label
- Or inside the pack
- On-metal tags for metal items

ENCODE
Your SKU or serial

- UHF printer or desktop reader
- Serialised encoding to order
- Custom printing on request
- Check reads with your reader

WHERE IT WORKS

Where it goes

Retail shelves
Weekly shelf counts

Back rooms
Back-room stock audits

Receiving
Warehouse receiving

Cartons and totes
Checked in and out

Manufacturing
Finished-goods boxes

Non-metal assets
Asset tags

HOW IT WORKS

From a tagged item to your software

Your items
Packaged goods, toys, stationery, gifts, cartons and plastic totes

ID-2040 inlay
COMPACT UHF INLAY
- Under a price label or in the pack
- Holds your SKU or serial
- Answers Gen2 readers, 860–960 MHz
- Read at up to 7 m
- A shelf bay counted in one sweep

UHF reader
Gen2 handheld, fixed or desktop reader on 865–868 MHz; up to 7 m

Your software
Retail inventory, godown or manufacturing 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 ID-2040

A sweep in place of a scan

Up to 7 m read range
One handheld sweep covers a shelf bay, a back-room rack or a stack of cartons; depends on reader and antenna.

Made for retail counts
Packaged goods, boxed toys, stationery and gift items on weekly cycle counts.

Back rooms and godowns
Cartons and plastic totes checked at receiving and again before dispatch.

Manufacturing
Finished-goods boxes and non-metal parts bins on the factory floor.

Out of sight
Stick it flat on a clean, dry face: under a price label or inside the pack both work.

Encoded to order
Serialised encoding and custom printing on request, or write your SKU in-house.

Also on the M800 chip
The ID-2040-M800 inlay belongs to the same 2040 series, for systems that call for that chip.

Matching specialist tags
For metal items, choose our on-metal tags; for liquid-filled products, our anti-liquid UHF labels.

CHIP AND AIR INTERFACE

Chip, air interface and range

PARAMETER	ID-2040	NOTES
Chip	Qstar	Read and written over EPC Gen2
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 7 m	Depends on reader, antenna and environment
Formats	Compact inlay	Thin, flexible substrate
Related	ID-2040-M800	Same 2040 series, M800 chip

AT A GLANCE
- Compact UHF inlay for packs, cartons and totes
- Up to 7 m, depending on reader, antenna and environment
- Serialised encoding and custom printing on request

SUPPLIED AS
- Compact UHF inlay tags
- Blank, serialised or custom printed on request
- Give the quantity and your SKU or serial scheme with your quotation request

ORDERING

ID-2040	Compact UHF RFID inlay tag, 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
Chip	Qstar
Read range	Up to 7 m; depends on the reader, antenna and environment

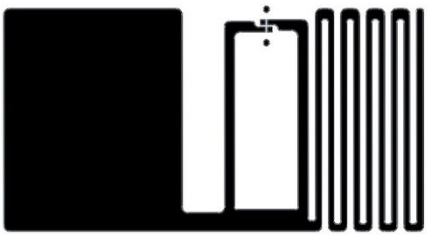
SUPPLY	
Options	Serialised encoding, custom printing
Related	ID-2040-M800, M800 chip

INLAY	
Model	ID-2040
Form factor	Compact UHF RFID inlay
Substrate	Thin and flexible
Mounting	Flat or curved non-metal surfaces

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



Count one shelf bay with it.

Ask for a quotation with the quantity, tell us what you are tagging and the SKU or serial scheme you want 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.