UHF RFID · 860–960 MHZ · COMPACT INLAY

ID-0395-KX2005

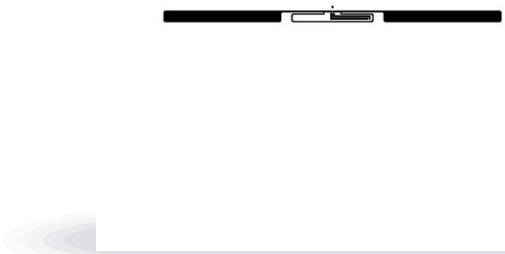
A compact KX2005-chip UHF inlay that gives every item you stock its own EPC number.

KX2005 chip | EPC Gen2 / ISO 18000-6C | Up to 6 m read range | 860–960 MHz | Compact inlay

Count a sealed carton without opening it.

The **Identium ID-0395-KX2005** is a compact passive UHF inlay that gives each item you stock its own EPC number. Built on the KX2005 chip, it works to EPC Gen2 / ISO 18000-6C across 860–960 MHz and reads at up to 6 m in good conditions.

A handheld counts a shelf, a rack or a sealed carton without anyone opening it or finding a barcode. Its thin substrate bends around tubes and rounded packs, for item-level retail stock, cartons and non-metal assets.



6 m	KX2005	860–960	865–868	SGTIN-96
Read range, up to	UHF chip	MHz response band	MHz, India UHF band	GS1 encoding for retail

WHAT IT DOES

Read, place and encode

READ
KX2005 chip, up to 6 m

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, India band included
- Shelf, rack or sealed carton
- Handheld, fixed or desktop

PLACE
Flat and curved packs

- Bends round tubes and packs
- Under a printed asset label
- Trial on your packaging first
- On-metal tags for metal items

ENCODE
Unique number per item

- GS1 SGTIN-96 for retail
- Your own ID for assets
- UHF desktop reader or printer
- Details kept in your software

WHERE IT WORKS

Where it goes

Retail stock
Item-level inventory

Cartons and cases
Receiving and dispatch

Non-metal assets
Furniture and housings

Stock audits
Shelf and rack audits

E-commerce
Pick-and-pack checks

Files
Under an asset label

HOW IT WORKS

From a tagged item to your software

Your items
Retail products, inner boxes, cartons and non-metal assets

ID-0395 inlay
COMPACT KX2005 UHF INLAY
- Gives each item its own EPC
- Bends round tubes and packs
- Answers Gen2 readers, 860–960 MHz
- Read at up to 6 m
- Counted without opening cartons

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

Your software
Retail inventory, e-commerce or asset 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-0395-KX2005

Item-level tracking made simple

One number per item
Each inlay carries its own EPC number, so every product, inner box or asset is counted on its own.

Sealed cartons counted
A handheld counts a shelf, a rack or a sealed carton without opening it or hunting for a barcode.

Up to 6 m read range
Depends on the reader antenna, transmit power and surroundings.

Bends round rounded packs
The thin substrate wraps tubes, rounded cartons and moulded plastic.

GS1 SGTIN-96 ready
Retail suppliers write a GS1 SGTIN-96; for internal stock or assets, your own item ID is enough.

Works with Gen2 readers
Handhelds, fixed readers and desktop encoders on India's 865–868 MHz band read it.

Under an asset label
Fit it under a printed asset label on furniture, plastic housings or files.

A matching on-metal range
For metal items, pair this inlay with our on-metal UHF tags.

CHIP AND AIR INTERFACE

Chip, air interface and range

PARAMETER	ID-0395-KX2005	NOTES
Chip	KX2005	Passive EPC Gen2 chip
Air interface	EPC Gen2 / ISO 18000-6C	Standard Gen2 UHF readers and printers
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	Converts to a printer label
Encoding	GS1 SGTIN-96 or own ID	Written to the EPC bank

AT A GLANCE

- Compact UHF inlay on the KX2005 chip
- Up to 6 m, depending on reader antenna and environment
- Made for flat and curved non-metal surfaces

SUPPLIED AS

- Compact UHF inlays
- Converts into labels for UHF RFID label printers
- Give the quantity and your encoding scheme with your quotation request

ORDERING

ID-0395-KX2005	Compact passive UHF RFID inlay, KX2005 chip, 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	KX2005
Read range	Up to 6 m; depends on the reader antenna and environment

SUPPLY	
Formats	Inlay; converts into a printer label
Encoding	GS1 SGTIN-96 or your own item ID

INLAY	
Model	ID-0395-KX2005
Type	Compact UHF RFID inlay
Substrate	Thin and flexible
Surfaces	Flat and curved non-metal surfaces

ENCODING AND READING	
Readers	Standard EPC Gen2 UHF readers 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



Trial a few tags on your packs.

Ask for a quotation with the quantity, tell us what you are tagging, and say whether you encode SGTIN-96 or your own item IDs.

www.indiarfidstore.com
marketing@indiarfidstore.com
+91 70110 01472

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.