UHF RFID · 860–960 MHZ · SLIM INLAY

# ID-1570

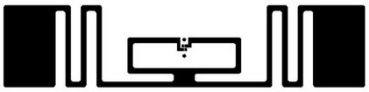
A slim EPC Gen2 UHF inlay for swing tickets, smart labels and folded retail packaging.

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

## A slim inlay for swing tickets and labels.

The **Identium ID-1570** is a slim UHF RFID inlay on a UHF Gen2 chip, sized for swing tickets, smart labels and folded packaging. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band, and reads at up to 7 m.

Its narrow shape slips into a paper swing ticket, a carton flap or a woven-label pocket, and converters laminate it into printable smart labels. A fixed reader at the stockroom door logs arriving cartons; handhelds count the shop floor.



| 7 m | Gen2 | 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, convert and encode

### READ
**UHF chip, up to 7 m**

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, India band included
- Door reads and shop-floor counts
- Up to 7 m, reader-dependent

### CONVERT
**Slim enough for tickets**

- Paper swing tickets
- Carton flaps and label pockets
- Laminated into smart labels
- Keep it flat through lamination

### ENCODE
**Retail-ready numbering**

- GS1 SGTIN-96 for organised retail
- Serial numbers for own stock
- Runs in UHF label printers
- Pre-encoded on request

WHERE IT WORKS

## Where it goes

**Swing tickets**
Apparel source tagging

**Smart labels**
Boxed goods in stores

**Store receiving**
Cartons logged at the door

**Inbound checks**
Cartons against orders

**Books**
Bookshops and stationery

**Gift items**
Higher-value retail goods

HOW IT WORKS

## From a tagged item to your software

**Your items**
Garments, boxed goods, books, stationery and inbound cartons

**ID-1570 inlay**
SLIM UHF INLAY
- Sits inside a ticket or label
- Holds an SGTIN or serial number
- Answers Gen2 readers, 860–960 MHz
- Read at up to 7 m
- Counted at the door and on the floor

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

**Your software**
Retail stock, receiving, billing or your own inventory system

**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-1570

## Item-level tagging for retail

**Slim enough for a ticket**
The narrow inlay slips into a paper swing ticket, a folded carton flap or a woven-label pocket.

**Up to 7 m read range**
Enough for a fixed reader at the stockroom door as well as handheld counts on the shop floor.

**Made for retail**
Source-tag garments through the swing ticket, and label boxed goods for reads at receiving and at the till.

**GS1 SGTIN-96 ready**
Encode SGTIN-96 for retailers and marketplaces, or a simple serial number for your own stock control.

**Works with Gen2 readers**
EPC Gen2 / ISO 18000-6C across 860–960 MHz; set your reader to India's 865–868 MHz band.

**Printed and encoded to order**
Custom printing, serialisation and pre-encoded numbers on request, with samples to test first.

**Converter-friendly**
Label converters laminate it into printable smart labels; keep the inlay flat and the chip unfolded.

**Place for the best read**
Fix it clear of foil packaging and metal fixtures for the full range.

CHIP AND AIR INTERFACE

## Chip, air interface and range

| PARAMETER | ID-1570 | 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** | Slim inlay | For tickets and smart labels |
| **Encoding** | GS1 SGTIN-96 or serial | SGTIN-96 for organised retail |

AT A GLANCE

- Slim UHF inlay for tickets and smart labels
- Up to 7 m, depending on antenna and environment
- Runs in standard UHF RFID label printers

SUPPLIED AS

- Slim UHF inlays for converting into tickets and labels
- Custom printing, serialisation or pre-encoded numbers on request
- Samples available to test before a volume order

ORDERING

| | |
|---|---|
| **ID-1570** | UHF RFID inlay, UHF chip, EPC Gen2, 860–960 MHz, for swing tickets and smart labels. |

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 antenna and environment |

## SUPPLY

| | |
|---|---|
| Options | Custom printing, serialisation, pre-encoded numbers |
| Samples | Available for testing |

## INLAY

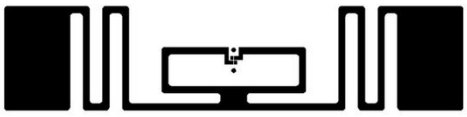
| | |
|---|---|
| Model | ID-1570 |
| Form factor | UHF inlay for smart labels and tickets |
| Substrate | Thin and flexible |
| Typical items | Swing tickets, folded packaging, smart labels |

## 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



## Test the inlay in your own tickets.

Ask for a quotation with the quantity, and tell us how you will convert it and the numbering you want encoded, such as SGTIN-96.

**www.indiarfidstore.com**
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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.*