UHF RFID · 860–960 MHZ · NARROW INLAY, 8 × 70 MM

# ID-8X70-M800

An 8 × 70 mm UHF inlay with an M800 chip for spines, edges, seams and slim items.

M800 chip | EPC Gen2 / ISO 18000-6C | 860–960 MHz | 8 × 70 mm | Up to 7 m

## RFID for the narrowest places.

The **Identium ID-8X70-M800** is 8 mm wide and 70 mm long, made for narrow places: book and file spines, slim carton edges, garment seams and tool handles. Its M800 chip works to EPC Gen2 / ISO 18000-6C across 860–960 MHz.

It covers India's 865–868 MHz band and reads at up to 7 m, depending on antenna and environment. Order it as a bare inlay to insert under your own label stock, as a label, or as a ready sticker on a thin, flexible substrate.



| 7 m | 8 × 70 | 8 mm | 860–960 | 3 |
|---|---|---|---|---|
| Max. read range, typical | Inlay size, mm | Width, for spines, seams | MHz, covers 865–868 | Inlay, label or sticker |

WHAT IT DOES

## Read, fit and encode a narrow tag

### READ
**M800 chip, EPC Gen2**

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, covers 865–868
- Up to 7 m, typical
- Align with the reader antenna

### FIT
**8 × 70 mm strip**

- Book and file spines
- Slim carton edges
- Garment seams and care labels
- Plastic tool handles

### ENCODE
**Inlay, label or sticker**

- Insert under your label stock
- Or a label or ready sticker
- Gen2 readers and printers
- Handheld, fixed or desktop

WHERE IT WORKS

## Where the label goes

**Spines**
Book and file spines

**Slim cartons**
Cosmetic cartons

**Garments**
Care labels, seams

**Tool crib**
Tools issued, returned

**Lab samples**
Sample racks

**Record rooms**
Files on the rack

HOW IT WORKS

## From a narrow tagged item to your records

**Your items**
Books, files, slim cartons, garments, tools and lab sample racks

**ID-8X70-M800**
NARROW UHF RFID INLAY, 8 × 70 MM
- Runs along a spine, edge or seam
- Holds the item's EPC in the M800 chip
- Answers Gen2 readers, 860–960 MHz
- Read at up to 7 m, typical
- Best aligned with the reader antenna

**UHF reader**
Handheld, fixed or desktop Gen2 reader; circular antenna eases orientation

**Your software**
Library, records, retail, tool crib or lab sample systems

**Choose a circular antenna**
A circularly polarised reader antenna removes most orientation effects; a linear one reads it best lengthwise.

WHY THE ID-8X70-M800

## A strip tag for slim items

**8 mm wide**
Fits book and file spines, slim carton edges, garment seams and plastic tool handles.

**M800 chip**
EPC Gen2 / ISO 18000-6C, read and written by standard handheld, fixed and desktop readers.

**Up to 7 m read range**
Typical figure; the antenna and environment set the range, so prove reads on a fully stocked shelf.

**Orientation made easier**
A circularly polarised reader antenna removes most orientation effects; with a linear one, align the strip lengthwise.

**Three formats**
A bare inlay to insert under your own label stock, a label, or a ready sticker.

**Libraries and records**
Tag spines and file edges so a handheld sweep counts the items on the rack.

**Covers India's UHF band**
Responds across 860–960 MHz, including India's licence-exempt 865–868 MHz band.

**Best placement**
Run the strip along a straight, non-metal edge; for metal items, choose our on-metal tags.

CHIP AND MEMORY

## Air interface and memory

| PARAMETER | ID-8X70-M800 | NOTES |
|---|---|---|
| **Chip** | Impinj M800 | Read and written over EPC Gen2 |
| **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 7 m | Depends on reader antenna and environment |
| **Formats** | Inlay, label or sticker | Name the format with your quote |

AT A GLANCE

- 8 × 70 mm narrow UHF tag with an M800 chip
- Up to 7 m, depending on antenna and environment
- Bare inlay, label or ready sticker

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SUPPLIED AS

- Bare inlay, label or sticker: name the format you need
- For spines, edges, seams and slim items
- Samples to prove reads on your own shelves

ORDERING

**ID-8X70-M800** Narrow UHF RFID inlay, 8 × 70 mm, M800 chip, EPC Gen2 / ISO 18000-6C, 860–960 MHz; inlay, label or sticker.

SPECIFICATIONS

# Technical data

| RF AND CHIP | |
|---|---|
| Chip | Impinj M800 |
| Protocol | EPC Gen2 / ISO 18000-6C |
| Frequency | 860–960 MHz (covers India's 865–868 MHz band) |
| Read range | Up to 7 m, depending on reader, antenna and environment |

| TAG | |
|---|---|
| Dimensions | 8 × 70 mm |
| Material | Thin, flexible substrate |
| Form factor | Inlay, label or sticker |

| ENCODING AND READING | |
|---|---|
| Compatible with | Standard UHF RFID readers and printers |

PRODUCT VIEWS

# The UHF inlay inside the label



## Prove the strip on a full shelf.

Ask for samples or a quotation with the quantity and format (inlay, label or sticker), and tell us what you are tagging.

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.*