UHF RFID · 860–960 MHZ · INLAY TAG

ID-1470-M700

A UHF inlay with a high-sensitivity M700 chip for dense racks and stacked stock.

M700 chip | High sensitivity | EPC Gen2 / 18000-6C | 860–960 MHz | Up to 7 m read range

Built for counts on a crowded rail.

The **Identium ID-1470-M700** pairs the 1470 inlay antenna with the high-sensitivity M700 chip. 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 depending on the reader, antenna and environment.

Sensitivity matters most where tags sit close together: garments on a rail, folded stock on a shelf, a full basket at the till or a pallet at goods-in. The thin, flexible substrate goes into hang tags, labels and onto cartons.



7 m	M700	Gen2	860–960	865–868
Read range, up to	High-sensitivity chip	EPC Gen2 / ISO 18000-6C	MHz response	MHz, India UHF band

WHAT IT DOES

Read, fit and encode

READ
High-sensitivity M700 chip

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, India band included
- Up to 7 m, antenna-dependent
- Close-packed tags in one count

FIT
Thin, flexible inlay

- Hang tags and labels
- Cartons and totes
- Vary the spot in folded stacks
- Non-metal, foil-free faces

ENCODE
Encoded your way

- Pre-encoded numbers to order
- Serialisation to order
- Custom printing to order
- Barcode beside the chip

WHERE IT WORKS

Where the tag goes

Rail counts
Whole-rail apparel counts

Checkouts
A full basket read at once

Pallet goods-in
Full pallets at the DC

Pharma cartons
Pharma carton tracking

Tote picking
E-commerce tote picking

Packing lines
Cartons under overhead readers

HOW IT WORKS

From a crowded rail to an accurate count

Your items
Garments on rails, folded stock, baskets, cartons and pallets

ID-1470-M700
UHF INLAY TAG, HIGH-SENSITIVITY M700
- Holds a unique EPC per item
- Answers in dense racks and stacks
- Works across 860–960 MHz
- Reads at up to 7 m
- Printed barcode as a backup

UHF reader
Handheld, checkout or portal reader set to 865–868 MHz

Your software
Store stock, checkout, warehouse or pharma tracking software

Readers for every count
Handheld readers for rails, fixed portal readers and desktop encoders: ask for a set to suit your stores.

WHY THE ID-1470-M700

Built for crowded rails and stacks

High-sensitivity chip
The M700 chip helps where many tags sit close together: rails, stacks, baskets and full cartons.

Up to 7 m
Rated up to 7 m; the reader antenna, transmit power and environment set the working range.

Whole-basket checkouts
Cash-wrap and self-checkout counters read a full basket in one go.

Full-pallet goods-in
Distribution centres check full pallets at goods-in without unpacking.

Standard readers and printers
Handhelds, fixed portal readers, desktop encoders and RFID label printers on India's band.

Encoded and printed to order
Pre-encoded numbers, serialisation and custom printing on request, with samples to test first.

A barcode beside the chip
Have the printer add a barcode and description so staff can still scan by hand.

Tuned for your zones
Step fixed-reader power down until reads from neighbouring zones stop, for clean counts per zone.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-1470-M700	NOTES
Chip	Impinj M700	High sensitivity, for dense tag groups
Air interface	EPC Gen2 / ISO 18000-6C	Any Gen2 UHF reader
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 7 m	Depends on reader, antenna and environment

Impinj is a trademark of Impinj, Inc.

AT A GLANCE

- High-sensitivity M700 chip, EPC Gen2
- Up to 7 m, depending on reader, antenna and environment
- Pre-encoding, serialisation and printing to order

SUPPLIED AS

- Compact UHF inlay tags / labels, ID-1470-M700
- Blank, pre-encoded, serialised or custom printed, to order
- Samples available to test before a production order

ORDERING

ID-1470-M700	UHF RFID tag, M700 chip, EPC Gen2, up to 7 m, compact flexible inlay / label.

SPECIFICATIONS

Technical data

RF AND CHIP	
Chip	Impinj M700 (high sensitivity)
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	EPC Gen2 / ISO 18000-6C
Read range	Up to 7 m; depends on reader, antenna and environment

SUPPLY	
Options	Pre-encoded, serialised or custom printed
Samples	Available on request

TAG	
Model	ID-1470-M700
Form factor	Compact UHF inlay / label
Material	Thin, flexible substrate
Use on	Hang tags, labels and cartons

ENCODING AND READING	
Encoding	UHF RFID printer-encoder or desktop UHF reader
Readers	Any EPC Gen2 UHF reader set to 865–868 MHz

WHICH 1470?

ID-1470 or ID-1470-M700

	ID-1470	ID-1470-M700
Chip	General-purpose; name a chip with your quote	M700, high sensitivity
Best for	Everyday carton and item tagging	Dense racks and stacked stock
Typical uses	Cartons, bins, totes, curved packs	Rail counts, full baskets, pallets
Supplied as	Wet inlay label	Inlay / label, pre-encoded to order

PRODUCT VIEWS

The UHF inlay antenna



Count a full rail with samples.

Ask for samples or a quotation with the quantity and any pre-encoding, serialisation or printing, and tell us how densely your stock is packed.

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.