UHF RFID · 860–960 MHZ · INLAY TAG

ID-7017-M4

A compact M4 UHF inlay for item-level tagging of garments, footwear, books and parcels.

M4 chip | EPC Gen2 / 18000-6C | 860–960 MHz | Up to 6 m read range | SGTIN-96 encoding

Item-level tagging on a proven chip.

The **Identium ID-7017-M4** is a compact UHF RFID tag on the M4 chip for item-level retail and e-commerce. It goes in hang tags and care labels or on shoe boxes, books and parcels, and reads at up to 6 m depending on antenna and environment.

The M4 has been a common retail chip for years, so many stores already run readers and software set up around it. It follows EPC Gen2 / ISO 18000-6C across 860–960 MHz, so it joins stock tagged with other Gen2 chips in the same count.



6 m	M4	Gen2	860–960	865–868
Read range, up to	UHF chip	EPC Gen2 / ISO 18000-6C	MHz response	MHz, India UHF band

WHAT IT DOES

Read, fit and encode

READ — M4 chip, retail-proven

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, India band included
- Up to 6 m, antenna-dependent
- Counted with other Gen2 tags

FIT — Item-level formats

- Hang tags and care labels
- Shoe boxes and book covers
- Polybagged parcels
- Card, paper, fabric, plastic

ENCODE — Your current numbering

- Printer-encoder
- Desktop reader
- GS1 SGTIN-96
- Pre-encoded to order

WHERE IT WORKS

Where the tag goes

Apparel hang tags
Hang tags and care labels

Footwear boxes
Shoe boxes on the shelf

Books and media
Book covers and media

E-commerce parcels
Hub sorting and dispatch

Returns
Returns and exchanges checked

Cycle counts
Whole-store handheld counts

HOW IT WORKS

From a tagged item to a whole-store count

Your items
Garments, footwear, books, media and polybagged e-commerce parcels

ID-7017-M4
COMPACT UHF INLAY TAG, M4 CHIP
- Holds an SGTIN-96 or your EPC
- Joins stock tagged on other chips
- Answers Gen2 readers at 865–868 MHz
- Reads at up to 6 m
- Inside the hang tag or care label

UHF reader
Handheld for cycle counts, fixed reader at goods-in or the desk

Your software
Store stock, replenishment, returns and parcel software

Store pilot first
Check reads on the shop floor, in the stockroom and at goods-in: samples are available for a pilot.

WHY THE ID-7017-M4

Built for item-level retail

Whole-store cycle counts
Count the store with a handheld, far quicker than scanning barcodes one by one.

Size-level replenishment
See which sizes to bring from the back room to the shop floor.

A familiar retail chip
Many stores already run readers and software set up around the M4 chip.

Mixes with other Gen2 tags
Standard EPC Gen2, so it joins stock tagged on other chips and reads in the same count.

Your existing numbering
Encode the numbering your stock already carries, often GS1 SGTIN-96, so old and new reconcile.

Up to 6 m
Rated up to 6 m; reader, antenna and environment set the working range.

Faster returns and parcels
Check returns at the service desk and parcels at hub sorting and dispatch.

Partners for metal and liquids
For metal assets choose our on-metal tags; for bottles, our anti-liquid labels.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-7017-M4	NOTES
Chip	Impinj Monza 4	Common retail chip
Air interface	EPC Gen2 / ISO 18000-6C	Reads with other Gen2 tags
Frequency	860–960 MHz	Covers India's 865–868 MHz band
EPC	Your numbering	Often GS1 SGTIN-96
Read range	Up to 6 m	Depends on reader, antenna and environment

AT A GLANCE
- M4 chip, EPC Gen2 / ISO 18000-6C
- Up to 6 m, depending on reader, antenna and environment
- Made for cartons, paper, fabric, plastic and wood

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SUPPLIED AS
- Compact UHF inlay tags, ID-7017-M4
- Blank, or pre-encoded to your numbering scheme
- Samples available for a store pilot

ORDERING

ID-7017-M4 UHF RFID inlay tag, M4 chip, EPC Gen2, up to 6 m, compact flexible inlay / label.

SPECIFICATIONS

Technical data

RF AND CHIP	
Chip	Impinj Monza 4
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	EPC Gen2 / ISO 18000-6C
Read range	Up to 6 m; depends on reader, antenna and environment

SUPPLY	
Options	Pre-encoded, e.g. GS1 SGTIN-96
Samples	Available for a pilot

TAG	
Model	ID-7017-M4
Form factor	Compact UHF inlay tag / label
Material	Thin, flexible substrate
Surfaces	Cartons, paper, fabric, plastic, wood

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

PRODUCT VIEWS

The UHF inlay antenna



Run a store pilot with samples.

Ask for samples or a quotation with the quantity, what you are tagging and the numbering your current stock carries.

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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.