UHF RFID · 860–960 MHZ · COMPACT INLAY TAG

ID-9319-M4

An M4-chip UHF inlay tag for wide-area inventory of cartons, pallets, crates and bins.

M4 chip | EPC Gen2 / ISO 18000-6C | Up to 6 m read range | 860–960 MHz | Fixed or handheld

Made for zones a fixed reader sweeps.

The **Identium ID-9319-M4** is a UHF inlay tag on the M4 chip, intended for wide-area inventory and asset tracking. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band, and reads at up to 6 m.

It goes on the items a fixed, overhead or forklift-mounted reader sweeps in one pass: cartons, film-wrapped pallets, plastic bins, wooden crates and the plastic casings of equipment. Handhelds read it for audits and searches.



6 m	M4	860–960	865–868	Gen2
Read range, up to	UHF chip	MHz response band	MHz, India UHF band	EPC air interface

WHAT IT DOES

Read, place and encode

READ
M4 chip, up to 6 m

- EPC Gen2 / ISO 18000-6C
- Fixed, overhead or forklift
- Portal and handheld readers
- Up to 6 m, reader-dependent

PLACE
The face the antennas see

- Plastic or cardboard faces
- Same spot on every pallet layer
- Spacer for metal or liquids
- Wooden crates, plastic casings

ENCODE
Linked to your SKU or asset

- Printer or reader write command
- Record EPC against the SKU
- Tune power for each zone
- Prove the working distance

WHERE IT WORKS

Where it goes

Pallets and crates
Pallet and crate tracking

Rack inventory
Rack-level counts

Bins and totes
Plastic bins and totes

Equipment
Plastic equipment casings

Site stores
Project-site stores

Dock doors
Portal reads at the dock

HOW IT WORKS

From a tagged item to your software

Your items
Cartons, film-wrapped pallets, plastic bins, wooden crates and casings

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ID-9319-M4
M4-CHIP UHF INLAY TAG
- Fixed on the face the antennas see
- Holds the EPC for a SKU or asset
- Answers Gen2 readers, 860–960 MHz
- Read at up to 6 m
- Swept in one pass across a zone

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UHF reader
Fixed readers with external antennas for zones; handhelds for audits

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Your software
Warehouse, asset register or site-store software

A reader for every read zone
Fixed UHF readers with external antennas for zones, racks and dock doors; UHF handhelds for audits and searches.

WHY THE ID-9319-M4

Built for wide-area reads

Wide-area inventory
Intended for zones that fixed, overhead or forklift-mounted readers sweep in one pass.

Up to 6 m read range
Depends on the reader antenna, transmit power, tag orientation and the surface it is applied to.

Pallets, crates and bins
Cartons, film-wrapped pallets, plastic bins, wooden crates and plastic equipment casings.

Fixed, portal or handheld
Works with standard UHF handheld, fixed and portal readers, and with UHF RFID printers.

Set up a read zone
Pick the face, encode, tune reader power and antenna angle, then prove the distance before tagging all stock.

Encoded your way
Write the EPC with a printer or the reader's write command, and record it against the SKU or asset number.

Thin and flexible
A thin, flexible substrate for flat and gently curved plastic and cardboard faces.

A matching on-metal range
For metal equipment, choose our on-metal UHF tags, or stand this tag off with a spacer.

CHIP AND AIR INTERFACE

Chip, air interface and range

PARAMETER	ID-9319-M4	NOTES
Chip	Impinj M4 (Monza 4)	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 6 m	Depends on reader, antenna and environment
Formats	Compact inlay tag	Thin, flexible substrate

Impinj and Monza are trademarks of Impinj, Inc.

AT A GLANCE
- UHF inlay tag on the M4 chip for wide-area inventory
- Up to 6 m, depending on reader, antenna and environment
- Works with handheld, fixed and portal UHF readers

SUPPLIED AS
- Compact UHF inlay tags
- Blank, for encoding with a UHF printer or reader
- Give the quantity and what you are tagging with your quotation request

ORDERING

ID-9319-M4	Compact UHF RFID inlay tag, M4 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	Impinj M4 (Monza 4)
Read range	Up to 6 m; depends on the reader, antenna and environment

SUPPLY	
Readers	Handheld, fixed and portal UHF readers

INLAY	
Model	ID-9319-M4
Form factor	Compact UHF inlay tag
Substrate	Thin and flexible
Surfaces	Plastic and cardboard faces, crates, casings

ENCODING AND READING	
Readers	Standard EPC Gen2 UHF readers set to 865–868 MHz: handheld, fixed or portal
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



Prove a read zone with your stock.

Ask for a quotation with the quantity, and tell us what you are tagging and how your fixed or handheld readers will see it.

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.