UHF RFID · 860–960 MHZ · INLAY, LABEL OR STICKER

ID-3050

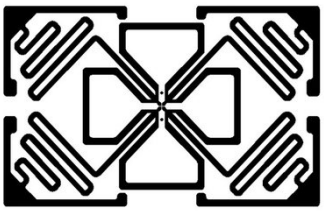
A long-reach UHF inlay with an H10 chip, read at up to 7 m across racks and conveyors.

H10 chip | EPC Gen2, 18000-6C | 865–868 MHz India | Up to 7 m read range | Inlay, label, sticker

Reach the tags at the top of the rack.

The **Identium ID-3050** is a UHF RFID inlay with an H10 chip, rated for reads of up to 7 m. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band, and comes as a bare inlay, self-adhesive label or printable sticker.

That reach counts when tags are spread out: cartons on the top level of a pallet rack, totes along a long conveyor, or boxes at the back of an archive shelf that a handheld picks up from the aisle.



7 m	3	865–868	860–960	18000-6C
Read range, up to	Formats to choose from	MHz, India UHF band	MHz response	ISO protocol, EPC Gen2

WHAT IT DOES

Read far, stick it, print it

READ
H10 chip, up to 7 m

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, India band covered
- Up to 7 m, antenna-dependent
- Handheld or fixed readers

STICK
Self-adhesive label

- Ready for hand application
- Flat or curved surfaces
- Cartons, bins and boxes
- Thin, flexible substrate

PRINT
Sticker or bare inlay

- Sticker for thermal RFID printers
- Text or barcode, plus the EPC
- Bare inlay for converters
- Your own artwork and stock

WHERE IT WORKS

Where the inlay goes

High-bay racks
Cartons on the top rack levels

Conveyor totes
Totes along a long conveyor

IT asset audits
Aisle-by-aisle audit counts

Archive boxes
Archive and file boxes

WIP trays
Manufacturing work in progress

Retail backroom
Backroom stock counts

HOW IT WORKS

From a tagged carton to your software

Your items
Cartons, totes, files, plastic cases and packaged goods

ID-3050
UHF INLAY WITH AN H10 CHIP
- Holds your EPC in the H10 chip
- Answers readers at 865–868 MHz
- Reads at up to 7 m
- Read in bulk, no line of sight
- Bends to flat or curved surfaces

UHF reader
Handheld for aisle counts; fixed reader for conveyors and doors

Your software
Warehouse, stock count, archive or asset records

Circular antennas for mixed orientation
Where tag orientation varies, a circular-polarised reader antenna gives steadier long-range reads; set reader power to the zone.

WHY THE ID-3050 WITH H10

Built for reads at a distance

Up to 7 m read range
Rated for up to 7 m; the reader antenna, power, tag orientation and the surface behind the tag set the exact figure.

Made for spread-out stock
Top-level rack cartons, long conveyors and deep archive shelves are read from the aisle or the line.

Three formats
Bare inlay for converters, self-adhesive label for hand application, printable sticker for thermal RFID printers.

Print and encode
The sticker format takes printed text or barcodes while a thermal RFID printer writes the EPC.

Tunable read zones
Set reader power for the zone you need, so a count picks up this aisle and leaves the next one out.

Works with Gen2 readers
Any EPC Gen2 UHF reader set to India's 865–868 MHz band reads and writes it, handheld or fixed.

Flat or curved surfaces
A thin, flexible substrate follows cartons, plastic cases, files and packaged goods.

A matching on-metal range
For metal surfaces, choose our on-metal UHF tags; for liquid-filled containers, our anti-liquid labels.

CHIP AND MEMORY

Air interface and chip

PARAMETER	ID-3050	NOTES
Chip	Alien Higgs 10 (H10)	Read and written over EPC Gen2
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 antenna and environment
Formats	Inlay, label or sticker	Same inlay in each

AT A GLANCE
- H10 chip, rated for reads of up to 7 m
- Bare inlay, self-adhesive label or printable sticker
- For cartons, plastic cases, files and packaged goods

Alien and Higgs are trademarks of Alien Technology, LLC.

SUPPLIED AS
- Bare inlay, for converters and your own artwork
- Self-adhesive label, ready for hand application
- Printable sticker, for thermal RFID printers

ORDERING

ID-3050	UHF RFID inlay, H10 chip, up to 7 m; state inlay, label or sticker and the quantity.

SPECIFICATIONS

Technical data

RF AND CHIP	
Chip	Alien Higgs 10 (H10)
Protocol	EPC Gen2 / ISO 18000-6C
Frequency	860–960 MHz (covers India 865–868 MHz)
Read range	Up to 7 m; depends on antenna and environment

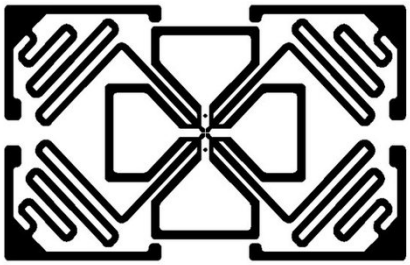
SUPPLY	
Formats	Bare inlay, self-adhesive label or printable sticker

INLAY	
Substrate	Thin, flexible
Mounting	Self-adhesive; flat or curved non-metal surfaces

ENCODING AND READING	
Printing	Thermal RFID printers (sticker format)
Readers	Standard EPC Gen2 UHF readers, 865–868 MHz
Antenna tip	Circular antenna where orientation varies

PRODUCT VIEWS

The UHF inlay antenna



Test the reach on your own racks.

Ask for a quotation with the quantity and format (inlay, label or sticker), and tell us what you are tagging and how far the reader will be from the tags.

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.