UHF RFID · 860–960 MHZ · SMALL ROUND INLAY

ID-D010-U8

A small round UHF tag on the U8 chip for lids, box tops and round label spots.

U8 chip | EPC Gen2 / 18000-6C | 860–960 MHz | Up to 6 m | Round antenna

A round tag for small round spaces.

The **Identium ID-D010-U8** is a small round UHF RFID inlay on the U8 chip, for item-level tagging on round and compact label spots. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band.

Its round antenna places easily on lids, box tops and circular label areas: jewellery boxes and trays, cosmetic jars, eyewear cases and small plastic parts. It is listed for reads up to 6 m, depending on reader, antenna and the tagged item.



6 m
Read range, up to

860–960
MHz operating band

865–868
MHz, India UHF band

18000-6C
ISO protocol, EPC Gen2

WHAT IT DOES

Read, fix and encode

READ
U8 chip, EPC Gen2

- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, India band covered
- Up to 6 m, item dependent
- Tray, shelf and counter reads

FIX
Small round inlay

- Lids, box tops, round labels
- Thin, flexible substrate
- Flat or gently curved faces
- On the box or tray for jewellery

ENCODE
Your item codes

- Desktop UHF encoder
- Or a UHF RFID printer
- Encode before application
- Standard UHF readers

WHERE IT WORKS

Where the tag goes

Jewellery boxes
Boxes, trays and tag cards

Small retail packs
Cosmetics and accessories

Jar lids
Cosmetic jar lids and caps

Optical cases
Eyewear and frame cases

Small parts
Small plastic parts

Tray counts
Counter and tray stock checks

HOW IT WORKS

From a small item to your stock records

Your items
Jewellery boxes and trays, jar lids, eyewear cases, small parts

ID-D010-U8
SMALL ROUND UHF RFID TAG
- Sits on a lid, box top or round label
- Holds your item code in the U8 chip
- Answers Gen2 readers, 860–960 MHz
- Read at counter, tray or shelf level
- Up to 6 m, item dependent

UHF reader
Desktop reader for counters and trays, handheld for sweeps

Your software
Showroom stock, retail inventory or parts records

Readers for small items
A desktop UHF reader suits counters and tray counts; a UHF handheld suits showroom and stockroom sweeps.

WHY THE ID-D010-U8

Item-level tagging in a round format

Round antenna
Easier to place on lids, box tops and round label areas than a long strip inlay.

Sized for small items
Fits cosmetics, eyewear cases and accessories where the label space is a few centimetres across.

U8 chip, EPC Gen2
EPC Gen2 / ISO 18000-6C across 860–960 MHz: any UHF reader on India's 865–868 MHz band reads it.

Up to 6 m read range
Listed for up to 6 m; the item, reader power and antenna set the working distance, so test on your own items.

Made for jewellery displays
Fix it to the jewellery box, tray insert, tag card or pouch and count the display with a desktop reader or handheld.

Encode your item codes
Write item codes with a UHF desktop encoder or an RFID printer before the tags are applied.

Thin and flexible
The thin, flexible substrate sits on flat or gently curved surfaces such as caps and lids.

A family of round tags
The ID-D012-U8 is a second small round U8 tag with its own antenna layout: test both on your item.

CHIP AND AIR INTERFACE

Air interface and chip

PARAMETER	ID-D010-U8	NOTES
Chip	U8	Read and written over EPC Gen2
Air interface	EPC Gen2 / ISO 18000-6C	Standard 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 the tagged item
Form factor	Small round UHF inlay	Round antenna layout

AT A GLANCE

- Small round UHF inlay on the U8 chip, EPC Gen2
- Up to 6 m, depending on reader, antenna and the item
- Made for lids, box tops, trays and small retail packs

Stick a few tags on the actual item and read them with your own reader at the distance you need.

SUPPLIED AS

- ID-D010-U8 small round UHF RFID inlays
- Samples on request, to test on your own items and reader

ORDERING

ID-D010-U8 Small round UHF RFID tag, U8 chip, EPC Gen2 / ISO 18000-6C, 860–960 MHz, up to 6 m.

SPECIFICATIONS

Technical data

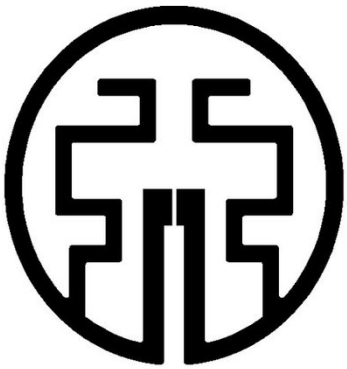
RF AND CHIP	
Chip	U8
Protocol	EPC Gen2 / ISO 18000-6C
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Read range	Up to 6 m, depending on reader, antenna and the tagged item

TAG	
Form factor	Small round UHF RFID inlay
Material	Thin, flexible substrate for flat or curved surfaces

ENCODING AND READING	
Encoding	UHF desktop encoder or RFID printer
Readers	Standard UHF RFID readers on 865–868 MHz

PRODUCT VIEWS

The round antenna



Test it on your own items.

Ask for a quotation with the quantity, and tell us what you are tagging and which reader you use. Samples are available to test before you order in volume.

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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.