UHF RFID · 860–960 MHZ · INLAY TAG

ID-1850

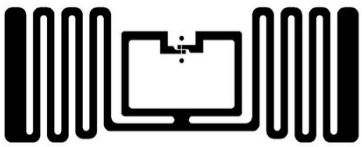
A compact UHF tag for bins, boxed stock and plastic-cased items in stores.

Compact UHF tag | EPC Gen2 / 18000-6C | 860–960 MHz | Up to 7 m read range | Thin, flexible inlay

Count a stores rack from the aisle.

The **Identium ID-1850** is a compact UHF RFID tag on a Gen2 UHF chip for stock kept in bins, boxes and plastic containers. It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, which includes India's 865–868 MHz band.

With up to 7 m of read range, depending on the reader antenna and surroundings, a handheld counts a rack from the aisle and a fixed reader at the stores counter logs what goes in and out. Tags come blank or pre-encoded with your part numbers.



7 m	EPC	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, fix and encode

READ
Gen2 chip, compact tag
- EPC Gen2 / ISO 18000-6C
- 860–960 MHz, India band included
- Up to 7 m, antenna-dependent
- Handheld or counter reader

FIX
On the face of the bin
- Bins, boxes and crates
- Plastic-cased items
- Facing into the aisle
- Flat or curved surfaces

ENCODE
Your part number in the EPC
- UHF desktop reader / encoder
- RFID printer
- Pre-encoded to order
- Trial one rack first

WHERE IT WORKS

Where the tag goes

Spares stores
Maintenance and spares bins

Hospital stores
Boxed consumables

Totes and crates
Store-to-line circulation

Retail stockrooms
Boxed goods on racks

Non-metal assets
Non-metal fixed assets

Stores counter
Issues and returns logged

HOW IT WORKS

From a tagged bin to your stores system

Your items
Spares bins, boxed consumables, plastic totes and crates

ID-1850
COMPACT UHF TAG, EPC GEN2
- Holds the part or SKU code
- Faces into the aisle
- Answers Gen2 readers at 865–868 MHz
- Reads at up to 7 m
- Logged in and out at the counter

UHF reader
Handheld for rack counts, fixed reader at the stores counter

Your software
Stores, ERP or inventory software linked to part numbers

A reader for each job
UHF handheld readers count racks; desktop readers and RFID printers write part numbers to the tags.

WHY THE ID-1850

Made for stores and bin inventory

Up to 7 m
Rated up to 7 m; reader antenna, power, tag direction and the material under the tag set the range.

Rack counts from the aisle
A handheld counts a whole rack of tagged bins without taking them down.

Logged at the counter
A fixed reader at the stores counter records what goes in and out.

Linked to part numbers
Write the part or SKU code to the EPC and each bin maps straight to your records.

Bins, boxes and crates
A compact tag for bins, boxed stock and plastic-cased items, on flat or curved faces.

Pre-encoded to order
Ask for tags pre-encoded with your numbering scheme when you request a quotation.

Placed for the reader
Fix the tag on the face that points into the aisle, on the item rather than the shelf.

On-metal tags for metal assets
For metal assets and steel shelving, pair it with our on-metal UHF tags.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-1850	NOTES
Chip	Qstar	UHF chip, 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

Read range is a rated value; trial one full rack before tagging a whole store.

AT A GLANCE
- UHF chip, EPC Gen2 / ISO 18000-6C
- Up to 7 m, depending on antenna and environment
- Made for bins, boxed stock and plastic-cased items

SUPPLIED AS
- Compact UHF inlay tags, ID-1850
- Blank, or pre-encoded with your numbering scheme
- Give the quantity and numbering with your quotation request

ORDERING

ID-1850	UHF RFID tag, EPC Gen2, up to 7 m, compact flexible inlay.

SPECIFICATIONS

Technical data

RF AND CHIP

Chip	Qstar
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 antenna and environment

SUPPLY

Options	Blank or pre-encoded with your numbering

TAG

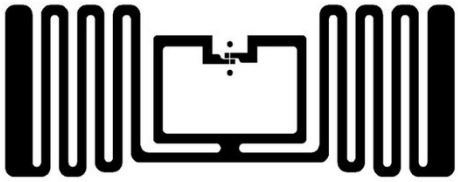
Model	ID-1850
Form factor	Compact UHF inlay tag
Material	Thin, flexible substrate
Use on	Bins, boxes, plastic-cased items

ENCODING AND READING

Encoding	UHF desktop reader / encoder or RFID printer
Readers	Any EPC Gen2 UHF reader set to 865–868 MHz

PRODUCT VIEWS

The UHF inlay antenna



Tag one rack and count it.

Ask for a quotation with the quantity, your part-numbering scheme and what is stored in your bins.

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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.