UHF RFID · 860–960 MHZ · INLAY TAG

ID-9503

A UHF inlay with an H3 chip for asset and inventory labelling on existing H3 systems.

H3 chip | EPC Gen2 / 18000-6C | 860–960 MHz | Up to 6 m read range | Lockable EPC

Add tags without re-qualifying.

The **Identium ID-9503** is a UHF inlay tag on the H3 chip for asset and inventory labels. The H3 has been in use for years, so many sites run readers, printers and middleware set up around it; the ID-9503 adds or replaces tags in those systems as they stand.

It works to EPC Gen2 / ISO 18000-6C across 860–960 MHz, covering India's 865–868 MHz band, and reads alongside other Gen2 tags at up to 6 m when the reader antenna and surroundings allow.

6 m — Read range, up to

H3 — UHF chip

Gen2 — EPC Gen2 / ISO 18000-6C

860–960 — MHz response

865–868 — MHz, India UHF band

WHAT IT DOES

Read, stick and encode

READ — H3 chip, like for like

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

STICK — Thin, flexible inlay

- Plastic housings
- Files and archive boxes
- Books and cartons
- A flat face, reachable head-on

ENCODE — Mapped to your register

- UHF printer or desktop reader
- EPC locked by access password
- Logo and asset number printed
- Pre-encoded to order

WHERE IT WORKS

Where the tag goes

Asset verification
Laptops, monitors, printers

Record rooms
Files and archive boxes

Library books
UHF library systems

Retail counts
Multi-brand store counts

H3 replacements
Like-for-like tag top-ups

Cartons
Carton and stock labels

HOW IT WORKS

From a tagged asset to a signed-off register

Your items
Plastic-housed laptops and monitors, files, books and cartons

ID-9503
UHF INLAY TAG, H3 CHIP
- Holds the EPC mapped to the asset
- EPC locked with an access password
- Answers Gen2 readers at 865–868 MHz
- Reads at up to 6 m
- Fits existing H3 set-ups

UHF reader
Handheld for annual verification, set to 865–868 MHz

Your software
Asset register, record-room or library software

Keep the audit trail clean
Once the register is signed off, lock the EPC with an access password so it stays exactly as signed off.

WHY THE ID-9503

A like-for-like H3 tag

Matches what you run
If readers, printers or software were commissioned around the H3 chip, the ID-9503 fits straight in.

Reads with other Gen2 tags
A standard EPC Gen2 chip, so it reads alongside other Gen2 tags on any UHF reader.

Up to 6 m
Rated up to 6 m; reader antenna, transmit power, tag orientation and the surface set the range.

Mapped to your register
Write the EPC through a UHF printer or desktop reader and map it to the asset number.

Password-locked EPC
Lock the EPC memory with an access password once the register is signed off.

Your logo and asset number
Custom printing with your logo, text or barcode, and pre-encoded serial data, to order.

Files, books and assets
For non-metal assets, files, books and cartons, including plastic-housed equipment.

On-metal tags for steel
For steel cabinets and metal equipment, pair it with our on-metal RFID tags.

CHIP AND MEMORY

Air interface and memory

PARAMETER	ID-9503	NOTES
Chip	Alien Higgs-3	Like-for-like for H3 systems
Air interface	EPC Gen2 / ISO 18000-6C	Reads beside other Gen2 tags
Frequency	860–960 MHz	Covers India's 865–868 MHz band
EPC	Lockable	With an access password
Read range	Up to 6 m	Depends on reader, antenna and environment

AT A GLANCE
- H3 chip, EPC Gen2 / ISO 18000-6C
- Up to 6 m, depending on reader, antenna and environment
- Made for non-metal assets, files, books and cartons

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SUPPLIED AS
- UHF inlay tags, ID-9503
- Blank, or printed with your logo, text or barcode and pre-encoded
- Give the quantity and your asset numbering with your quotation request

ORDERING

ID-9503	UHF RFID inlay tag, H3 chip, EPC Gen2, up to 6 m, compact flexible inlay / label.

SPECIFICATIONS

Technical data

RF AND CHIP

Chip	Alien Higgs-3
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	Custom printing and pre-encoding, to order

TAG

Model	ID-9503
Form factor	Compact UHF inlay tag / label
Material	Thin, flexible substrate
Use on	Non-metal assets, files, books, cartons

ENCODING AND READING

Encoding	UHF printer or desktop reader
EPC lock	Access password
Readers	Any EPC Gen2 UHF reader set to 865–868 MHz

PRODUCT VIEWS

The UHF inlay antenna



Top up your H3 tag estate.

Ask for a quotation with the quantity, your asset numbering and any logo, text or barcode to print.

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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.