UHF RFID · 860–960 MHZ · ON-METAL PCB DISC

IDTS-D17-25

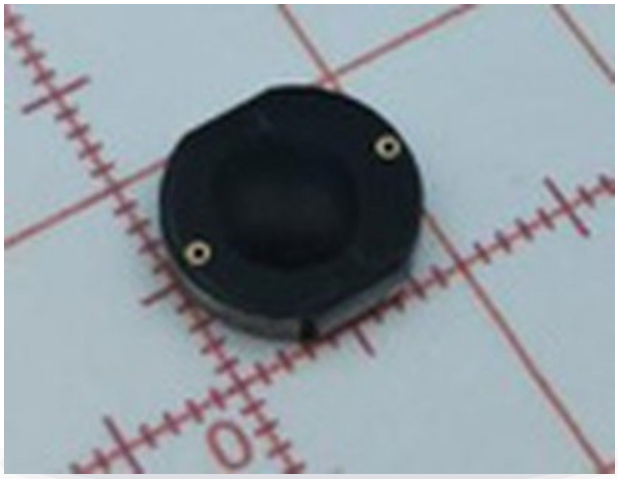
A 17 mm, 2.5 mm thick UHF on-metal disc with an H9 chip, rated up to 150 cm.

H9 chip | Up to 150 cm | Ø17 × 2.5 mm | Bonded, no drilling | 860–960 MHz

Read machines and cabinets from a metre.

Rated up to 150 cm, the **Identium IDTS-D17-25** lets a handheld capture a tag on a machine, steel cabinet or rack upright from a metre or more away. The 17 mm round PCB disc is 2.5 mm thick and carries an H9 chip.

It bonds with epoxy or industrial adhesive, so assets are tagged without drilling: a quick way to speed up audits of plant and office assets. It works on EPC Class 1 Gen 2 / ISO 18000-6C across 860–960 MHz.



150 cm
Rated read range

Ø17 mm
Round PCB disc

2.5 mm
Thick

860–960
MHz, covers 865–868 MHz

Gen2
EPC Class 1 Gen 2

WHAT IT DOES

Read, bond it, audit with it

READ
H9 chip, up to 150 cm

- A metre or more with a handheld
- Any Gen2 reader
- Lower power close up in a row
- 860–960 MHz, covers 865–868 MHz

BOND
No drilling needed

- Epoxy or industrial adhesive
- Flat, clean metal face
- Let the bond cure fully
- Disc sits flat for full range

AUDIT
Plant and office assets

- Machines and plant
- Steel cabinets and furniture
- Racking uprights
- Printed number beside the tag

WHERE IT WORKS

Where the tag goes

Machinery
Machinery and plant

Steel furniture
Cabinets, furniture

Racking
Warehouse racking

Metal tools
Tools and equipment

Asset registers
Asset management

Audits
Plant asset audits

HOW IT WORKS

From a tagged machine to your asset register

Your assets
Machines, steel cabinets, furniture and racking uprights

IDTS-D17-25
17 MM ON-METAL UHF DISC
- Holds your asset number in the EPC
- Bonded flat, no drilling
- Read at up to 150 cm
- Answers any Gen2 reader
- Covers 860–960 MHz

UHF reader
Handheld for audits; lower the power close up in a crowded row

Your software
Asset register, audit and maintenance records

Number it twice
Put a matching human-readable asset number next to each tag for manual checks alongside the RFID audit.

WHY THE IDTS-D17-25

150 cm, bonded in place

Up to 150 cm
Capture a tag from a metre or more away instead of at arm's length, speeding up audits.

No drilling
Bond with epoxy or industrial adhesive, where drilling an asset is unwelcome.

Made for metal
An on-metal disc meant to be bonded directly onto steel cabinets, racking and machine frames.

Compact 17 mm disc
Ø17 × 2.5 mm suits a flat face on machines, furniture and uprights.

Pick the right asset
In a crowded row, lower the reader power as you get close to capture the asset you mean.

Readable by people too
Put a matching printed asset number next to the tag for manual checks.

Full range when flat
Choose a flat, clean face so the disc sits flat and keeps its full range.

Any Gen2 reader
EPC Class 1 Gen 2 / ISO 18000-6C across 860–960 MHz, including India's 865–868 MHz band.

CHIP AND MEMORY

Air interface and memory

PARAMETER	IDTS-D17-25	NOTES
Chip	Alien Higgs-9 (H9)	EPC Class 1 Gen 2 / ISO 18000-6C
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 150 cm	Depends on reader power, antenna and a flat bond
Size	Ø17 × 2.5 mm	Bonded with epoxy or adhesive

Alien and Higgs are trademarks of Alien Technology, LLC. Read range is the rated figure; reader power, antenna gain and the metal surface affect it.

AT A GLANCE

- Rated read range up to 150 cm
- Bonds with epoxy or adhesive: no drilling
- Ø17 × 2.5 mm, H9 chip

SUPPLIED AS

- IDTS-D17-25 discs
- Give the quantity and the assets you plan to tag with your quotation request

ORDERING

IDTS-D17-25 — Ø17 × 2.5 mm on-metal UHF PCB disc, H9 chip, up to 150 cm, adhesive mounting.

SPECIFICATIONS

Technical data

RF AND CHIP	
Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	EPC Class 1 Gen 2 / ISO 18000-6C
Chip	H9 (Alien Higgs-9)
Read range	Up to 150 cm

FITTING	
Surface	Flat, clean metal face

MECHANICAL	
Dimensions	Ø17 × 2.5 mm
Shape	Round disc
Material	PCB
Mounting	Epoxy or industrial adhesive
Mounting surface	Metal (on-metal design)

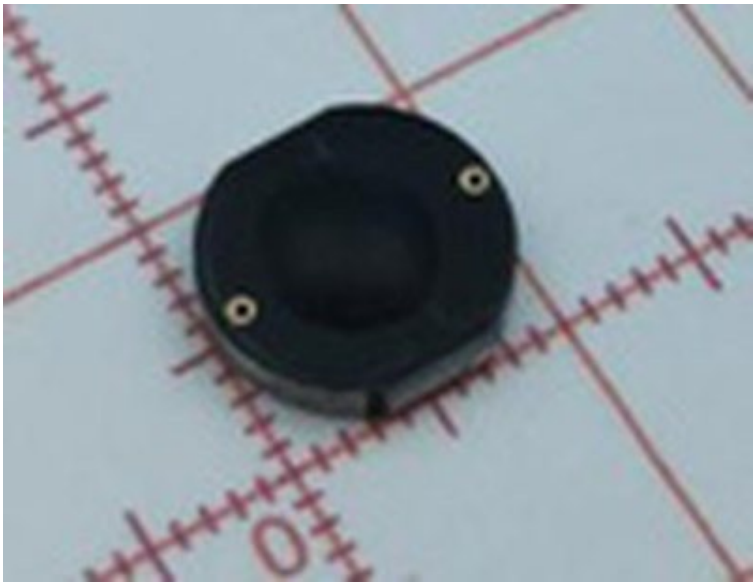
WHICH DISC?

IDTS-D16-25, D17-25 or D18-25

	IDTS-D16-25	IDTS-D17-25	IDTS-D18-25
Size	Ø16 × 2.5 mm	Ø17 × 2.5 mm	Ø18 × 2.5 mm
Chip	M4QT	H9	H9
Read range	Up to 120 cm	Up to 150 cm	Up to 150 cm
Mounting	Bonded with epoxy or adhesive	Bonded with epoxy or adhesive	2 mm aperture: screw or rivet, or adhesive
Choose it for	Walk-past audits from a 16 mm disc	150 cm with a bonded fit	150 cm with a mechanical fixing

PRODUCT VIEWS

IDTS-D17-25 disc



Speed up your asset audits.

Ask for a quotation with the quantity and the assets you plan to tag, and check the read range with your own handheld on a few assets first.

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.