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

IDTS-P9525-30

The largest P-series UHF PCB tag: 95 × 25 × 3 mm, listed up to 450 cm.

H9 chip | EPC Gen2 / 18000-6C | On-metal PCB | Up to 450 cm | 3 mm fixing hole

A large, easy-to-find tag for big panels.

At 95 × 25 × 3 mm, the **Identium IDTS-P9525-30** is the largest of the rectangular P-series tags. It is made for big, flat metal surfaces: electrical cabinets, switchgear and transformer bodies, machine covers and racking bays.

Its size makes the tag easy to find when someone checks by eye, and leaves room for a printed asset label beside it. The H9 chip on EPC Gen2 / ISO 18000-6C lists a read range of up to 450 cm.



450 cm	95 × 25	3 mm	3 mm	865–868
Listed read range, up to	mm, largest P-series	Thickness	Fixing hole (aperture)	MHz, India UHF band

WHAT IT DOES

Read, fix and encode

READ
H9 chip, 860–960 MHz

- EPC Class 1 Gen2 / 18000-6C
- Covers India's 865–868 MHz
- Listed up to 450 cm
- Handheld and fixed readers

FIX
3 mm aperture

- Screw or rivet fixing
- Whole base on the metal
- A flat area the tag's size
- An open face toward the reader

ENCODE
EPC and printed number

- Encode EPCs in sequence
- On a UHF desktop reader
- Each EPC matched to a label
- Fixed-asset verification

WHERE IT WORKS

Where the tag goes

Cabinets
Electrical cabinets

Switchgear
Transformers and switchgear

Racking bays
Warehouse racking bays

Machine covers
Machine covers

Enclosures
Metal enclosures

Verification
Fixed-asset verification

HOW IT WORKS

From a tagged metal asset to your records

Your assets
Electrical cabinets, switchgear, transformers, machine covers, racking

IDTS-P9525-30
UHF ON-METAL PCB TAG
- Fixes flat on a big metal face
- Holds the asset number in the EPC
- Easy to find by eye
- Listed read range up to 450 cm
- Room for a printed label beside it

UHF reader
Handheld on audit rounds, or fixed readers, 865–868 MHz

Your software
Fixed asset register or audit software

Readers for audit rounds
UHF handheld readers for walk-round audits; desktop readers to encode asset numbers in batches.

WHY THE IDTS-P9525-30

Big, visible, easy to audit

Largest P-series tag
95 × 25 × 3 mm, made for big, flat metal surfaces such as cabinets, switchgear and racking bays.

Easy to find by eye
The large face is quick to locate when someone checks by eye during an audit.

Room for a printed label
Leaves space to fix a printed asset label beside it, so the EPC and the readable number sit together.

Listed up to 450 cm
Read on audit rounds with standard handheld and fixed UHF readers; reader, antenna and placement set the range.

3 mm aperture
Fix it through the hole so the whole base touches the metal, on a flat area at least the size of the tag.

Encode in sequence
For large rollouts, encode EPCs in sequence on a UHF desktop reader and record each against its asset number.

Placement guidance
Mount on a flat, open face the reader approaches, such as a door or side panel, with tags spaced a little apart.

Longer-range options
Where distance leads, the 70–80 mm P-series tags list up to 600 cm.

CHIP AND MEMORY

Air interface and memory

PARAMETER	IDTS-P9525-30	NOTES
Chip	H9	Read and written over EPC Gen2
Air interface	EPC Class 1 Gen2 / ISO 18000-6C	Standard UHF handheld, desktop and fixed readers
Frequency	860–960 MHz	Covers India's 865–868 MHz band
Read range	Up to 450 cm	Depends on reader, antenna and mounting
Mounting	Directly on metal	Screw or rivet through the 3 mm aperture

Read range is the listed maximum; reader power, antenna, angle and the metal surface set the distance on site.

AT A GLANCE
- 95 × 25 × 3 mm, easy to find on large metal surfaces
- Listed read range up to 450 cm
- Room beside it for a printed asset label

SUPPLIED AS
- IDTS-P9525-30 on-metal PCB tags in the quantity you order
- Encode EPCs in sequence on a UHF desktop reader

ORDERING

IDTS-P9525-30	UHF on-metal PCB tag, 95 × 25 × 3 mm, H9 chip, 3 mm aperture.

SPECIFICATIONS

Technical data

RF AND CHIP

Frequency	860–960 MHz (covers India's 865–868 MHz band)
Protocol	EPC Class 1 Gen2 / ISO 18000-6C
Chip	H9
Read range	Up to 450 cm; depends on reader and mounting

FIXING

Aperture	3 mm
Fasteners	Screw or rivet
Placement	Flat, open face; base fully on the metal

MECHANICAL

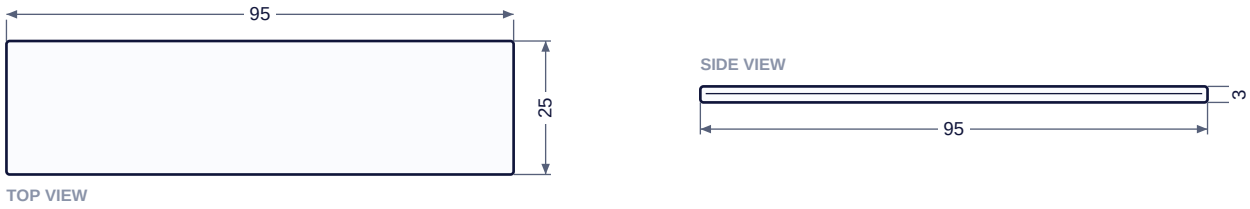
Dimensions	95 × 25 × 3 mm
Shape	Rectangular
Type	On-metal UHF PCB tag

ENCODING AND READING

Encoding	UHF desktop reader, EPCs in sequence
Readers	EPC Gen2 / ISO 18000-6C UHF readers on 865–868 MHz
Data	Your tool or asset number in the EPC

MECHANICAL

Dimensions



Top and side views, mm. 3 mm aperture.

Tag a row of your cabinets.

Ask for a quotation with the quantity, and tell us the cabinets, panels or racking you are tagging and the reader you use.

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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.