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

IDTS-P7920-25

A low-profile 79 × 20 × 2.5 mm UHF PCB tag listed up to 600 cm.

M4QT chip | EPC Gen2 / 18000-6C | 2.5 mm low profile | Up to 600 cm | 3 mm fixing hole

Long range in a 2.5 mm profile.

The **Identium IDTS-P7920-25** lists the same read range of up to 600 cm as the 70 mm and 80 mm tags in its range, at 2.5 mm thick: a millimetre slimmer than both. Its 79 × 20 mm face carries an M4QT chip.

The slim profile helps on stacking metal containers, rack-mounted equipment on rails, cabinet doors and trolley sides, where a tag should sit clear of neighbours and guides. Fix it through the 3 mm aperture.



600 cm	79 × 20	2.5 mm	3 mm	865–868
Listed read range, up to	mm face	Thickness, low profile	Fixing hole (aperture)	MHz, India UHF band

WHAT IT DOES

Read, fix and encode

READ
M4QT chip, 860–960 MHz

- EPC Class 1 Gen2 / 18000-6C
- Covers India's 865–868 MHz
- Listed up to 600 cm
- Handhelds and fixed readers

FIX
Slim and screw-fixed

- 3 mm aperture: screw or rivet
- Or structural adhesive, tape
- Open side toward the reader
- Clear of stacked metal faces

ENCODE
Program before circulation

- Asset number in the EPC
- On a UHF desktop reader
- Before containers go out
- Linked to your fleet records

WHERE IT WORKS

Where the tag goes

Stacking bins
Stackable metal containers

Rack equipment
Rack-mounted equipment

Doors, covers
Sliding doors and covers

Tool trolleys
Tool trolley sides

Transit packaging
Returnable transit packaging

Metal cabinets
Cabinet doors and sides

HOW IT WORKS

From a tagged metal asset to your records

Your assets
Stacking metal containers, rack equipment, cabinets and trolleys

IDTS-P7920-25
UHF ON-METAL PCB TAG
- Sits 2.5 mm low on the metal
- Holds the asset number in the EPC
- Answers Gen2 readers, 865–868 MHz
- Listed read range up to 600 cm
- Read at gates, docks or on audits

UHF reader
Handhelds for audits, fixed readers at gates and dock doors

Your software
Returnable asset, container or asset software

Readers for every read point
Fixed UHF readers at gates and dock doors, handhelds for audits, desktop readers for encoding.

WHY THE IDTS-P7920-25

Long range, low profile

2.5 mm thin
A millimetre slimmer than the 70 mm and 80 mm tags in this range, for stacking containers and equipment on rails.

Listed up to 600 cm
The same listed range as the P7020-35 and P8020-35; reader and placement set the distance on site.

M4QT chip
The M4QT tag among the three 600 cm P-series tags, for systems standardised on that chip.

3 mm aperture
A screw or rivet suits trolleys, containers and anything knocked about.

Adhesive option
On light assets with little vibration, structural adhesive or high-bond tape on cleaned metal holds it.

An open side to the reader
Give the tag a face open to the reader, clear of stacked metal surfaces and lips, for its full range.

Program before circulation
Write asset numbers on a UHF desktop reader before containers or trolleys go into circulation.

Gen2 on India's band
EPC Class 1 Gen2 / ISO 18000-6C; handhelds and fixed readers on 865–868 MHz read it.

CHIP AND MEMORY

Air interface and memory

PARAMETER	IDTS-P7920-25	NOTES
Chip	M4QT	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 600 cm	Depends on reader, antenna and mounting
Mounting	Directly on metal	Screw or rivet through the 3 mm aperture, or adhesive

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

AT A GLANCE
- 79 × 20 mm face, 2.5 mm thin
- Listed read range up to 600 cm
- 3 mm aperture, or structural adhesive or tape

SUPPLIED AS
- IDTS-P7920-25 on-metal PCB tags in the quantity you order
- Program asset numbers on a UHF desktop reader before circulation

ORDERING

IDTS-P7920-25	UHF on-metal PCB tag, 79 × 20 × 2.5 mm, M4QT 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	M4QT
Read range	Up to 600 cm; depends on reader and mounting

FIXING	
Aperture	3 mm
Fasteners	Screw or rivet
Alternative	Structural adhesive or high-bond tape

MECHANICAL	
Dimensions	79 × 20 × 2.5 mm
Shape	Rectangular
Type	On-metal UHF PCB tag

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

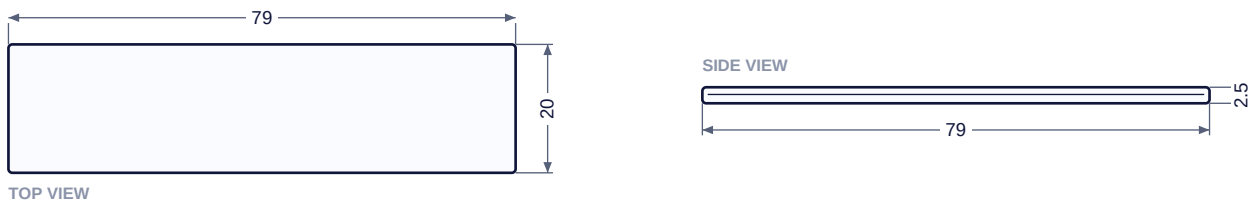
WHICH TAG?

Three P-series tags listed at 600 cm

	IDTS-P7020-35	IDTS-P7920-25	IDTS-P8020-35
Size	70 × 20 × 3.5 mm	79 × 20 × 2.5 mm	80 × 20 × 3.5 mm
Chip	H9/781	M4QT	H9/781
Read range	Up to 600 cm	Up to 600 cm	Up to 600 cm
Aperture	3 mm	3 mm	3.5 mm
Best for	Cages, trolleys and pallet frames	Stacking containers and tight clearances	Heavy tooling, skids and racking

MECHANICAL

Dimensions



Top and side views, mm. 3 mm aperture.

Trial it on your containers.

Ask for a quotation with the quantity, and tell us how your containers or equipment stack and which reader you use, so we can suggest where the tag goes.

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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.