

IDT POS RFID Reader



High-Speed Reads



Plug & Play Integration



ERP/POS Sync



Retail-Optimized Design

IDT POS RFID Readers make retail checkout faster and more efficient by instantly identifying RFID-tagged items with high accuracy. Built for modern RFID-enabled counters, they remove the need for barcode scanning and help reduce queues. With compact designs, strong antennas, and real-time ERP/POS connectivity, they support seamless inventory tracking and smooth omnichannel operations. Whether at staffed cash desks or self-checkout stations, these readers deliver reliable, frictionless billing.

PHYSICAL PARAMETER

Dimension	318 x 318 x 20 mm
Material	1.13 Kg
Port	USB Type C
Power Supply	USB Type C
Indicator LED	Power BT Connection status Working (flash when scanning tags)

ENVIRONMENTAL SPECIFICATION

Operating Temperature	-20°C to +50°C
Storage Temperature	-40°C to +70°C
Humidity	5%RH - 95%RH non condensing
Sealing	IP 65

PERFORMANCE

Working Frequency	865-868 / 920-925 / 902-928 MHz (custom-design for frequency band)
Air Interface	EPC C1 GEN2 / ISO18000-6C
Output Power	1dBm-30dBm, 1dBm (Stepper)
Read Range	> 100cm Impinj M750 tag
Read Rate	100+ tags (in 5s)

COMMUNICATION

Bluetooth	Bluetooth 4.0
USB Type C	Data Communication via USB

ORDER INFORMATION

Part Number	IDT.UHF.POS
-------------	-------------

APPLICATION AREA



Retail



Inventory



Warehouse



Manufacturing Unit



Supply Chain



ID TECH SOLUTIONS PVT. LTD.

610, Udyog Vihar Phase-5, Gurgaon, Haryana - 122016, INDIA | T. : +91-124 - 4255530 (6 Lines)

E.: info@idsolutionsindia.com | W: www.idsolutionsindia.com



The product specifications and descriptions listed in the specification sheet are subject to change anytime without notice.

©2025 ID Tech Solutions Pvt. Ltd. All Rights Reserved.