

UHF RFID Desktop Reader IDT 108



Android



Bluetooth



USB



UHF RFID



IP 65

IDT 108 is a newly developed desktop UHF reader. It supports Windows, Android, and iOS applications, and enables short-range reading distances of up to 100 cm. Combined with a high-efficiency collision-processing algorithm, it delivers fast tag reading and writing while maintaining a high identification rate. It also supports data transmission via Bluetooth and Type-C USB. IDT 108 can be deployed in retail billing/collection, logistics, identity verification, smart parking, access control, anti-counterfeiting systems, production process control, and more.

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.108
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APPLICATION AREA



Retail



Inventory



Warehouse



Manufacturing Unit



Supply Chain



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

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