

DESKTOP READER

UHF IDT-107



Small Form
Factor



IP 40



USB
Powered



UHF RFID



LED
Indicator

IDT 107 gives flexibility to solutions developers to support applications that require desktop reading and writing of EPC Global Gen2 tags as well as other protocols such as ISO18000-6C. It allows user to minimize design efforts and quickly implement RFID in any application that requires mid or short-range read distance. IDT 107 is easy addition of RFID into applications that require a plug-and-play desktop or portable mount reader. It supports a wide range of applications including Tag Commissioning, Manufacturing Work in progress, Document Tracking, Retail Point of Sale and workflows for Healthcare, Events, Hospitality and others.

PHYSICAL PARAMETERS

Dimensions	160mm x 110mm x 40mm
Weight	260 g
Output Power	DC 6V (Power Adapter) or powered by USB
Interface	USB
Indicators	LED & Buzzer
Software Support	SDK Provided
Housing	ABS Plastic

ENVIRONMENTAL SPECIFICATION

Temperature	-25°C to +60°C (Operating), -25°C to +80°C (Storage)
Humidity	5% RH - 95% RH non condensing
Protection Class	IP 40

UHF RFID

Work Frequency	Standard ISM 865-867 MHz (IND),865-868 MHz (EU), 902-928 MHz (US)
Air Interface Protocol	ISO18000-6B, EPC Class 1 Gen2 (ISO18000-6C)
Read Range	0-300 mm
Write Range	0-100 mm
Antenna	Built-in 2.5 dBm circular polarized antenna
Operating Mode	Answer, Active, Trigger
SDP	Provided DLL and Demonstration Software Source code to Facilitate Further Development
Reading Rate	Software Programmable
Power Output	0-30dBm (Adjustable)
Frequency Hopping	FHSS

ORDER INFORMATION

Part Number	IDT.UHF.107
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APPLICATION AREA



Employee /Student Tracking



Retail Management



Asset Management



Entrance Automation



Warehouse Management



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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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