

Long Range UHF Integrated RFID Reader IDT 98P



Linux



IP 65



Antenna
Auto Tuning



UHF RFID



Easy
Installation

Low Cost



Rugged
Design

IDT98P a high-performance UHF RFID integrated reader. It is designed with low power dissipation and high integrated RFID chip solution, which has features of long reading distance, high identification speed, multiple interfaces and ease installation. It can be widely used in logistics tracking, commodity inventory, cargo sorting, vehicle management, personnel management, asset management, medical systems, cold chain management, temperature monitoring, power monitoring, anti-counterfeiting systems and production process control and many other applications.

PHYSICAL PARAMETERS

Dimensions	445mm X 445mm X 56mm
Weight	2.6 kg
Power Supply	100-240V, DC+9V (Power Adapter)
Power Consumption	6W-10W
Interfaces	USB, RS232, RS485, Wiegand 26/34 (TCP/IP & Wi-Fi Optional), Poe
Indicators	Buzzer, Led
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 65

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 - 15m
Write Range	0 - 6m
Antenna	Built-in 12dBi linear/circular polarized antenna
Operating Mode	Answer, Active, Trigger
SDP	Provided DLL and Demonstration Software Source code to Facilitate Further Development
Reading Rate	Software Programmable
RF Power Output	0-30dBm (adjustable)
Frequency Hopping	FHSS

ORDERING INFORMATION (Communication Interface)

IDT 98 S	KS232/485, Weigand 26/34
IDT 98 L	KS232/485, Weigand 26/34, Ethernet
IDT 98 LW	KS232/485, Weigand 26/34, Ethernet, WiFi
IDT 98 LB	KS232/485, Weigand 26/34, Ethernet, WiFi, Bluetooth
IDT 98 P	KS232/485, Weigand 26/34, Ethernet, WiFi, Bluetooth, POE

ACCESSORIES



Power Adapter



Mounting Kit

APPLICATION AREA



Parking Lot Management



Electronic Toll Management



Warehouse Management



Employee/
Student Tracking



Vehicle Access 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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