

identium
Creating identities for all

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tags by identium

identraces
Trace your identity

RFID

UHF Integrated Reader

IDTS – IF8A

Datasheet

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Identium UHF Short Range Reader IDTS – IF8A



Introduction:

Identium UHF Mid Range Reader IDTS-UR85 SL is a popular integrated reader, Compatible with ISO18000-6C (EPC C1GEN2) and ISO18000-6B.

It is a low cost device with good reading range upto 9m

Application:

- Parking management: Long range intelligent parking management and automatic charge without stop the car
- Production line management: Goods identification for production flow
- Auto Access control: Long range access control management for custom, sea port
- Logistics and warehouse management
- People auto registry for important meeting or exhibition

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Specifications:

Model No.	IDTS – IF8A
Frequency range	865 – 867 MHz
Protocol	ISO18000-6B, EPC Class 1 Gen2(18000-6C)
FM mode	FHSS or fixed frequency, set by the software
RF output	26dBm adjustable;50Ω load
Communication interface	LAN,RS232,RS485,Wiegand26/34,WiFi
Power dissipation	average<10W
Application software	Provide with Demonstration Software and SDK
Tag Operation Performance	
Reading distance	0 – 9m equipped with 8dbi antenna(tag dependent)
Air interface	EPC global UHF ISO-18000-6C(EPC G2), ISO-18000-6B
Mechanical and Electrical Performance	
Dimension	255(L)*255(W)*42(H)mm
Power supply	Equipped with power convertor 220V AC input, +9V/3A DC output
Weight	2.0Kg
Humidity	10% to 95%, non-condensing
Protection grade	IEC IP65
Regulatory	Compliant with CE, FCC
Operation temperature	-20 °C to +60 °C

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Queries/Samples?

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