

Identium UHF Mid Range Reader IDTS 85 SL



Introduction:

UHF RFID reader, hands free access rfid reader, access control reader, long range read distance, integrated reader, usually use in many kinds of projects, especially in vehicle identification or car parking.

This is a popular integrated reader, Compatible with ISO18000-6C (EPC C1GEN2) and ISO18000-6B.

It is an industry grade product for harsh environment, IP-65 protection case for water-proof, easy to install.

Application:

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

Identium Tech Solutions

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Specifications

Model No.	IDTS – 85 SL
Frequency range	902-928MHZ(or customized)
Protocol	ISO18000-6B, EPC Class 1 Gen2(18000-6C)
FM mode	FHSS or fixed frequency, set by the software
RF output	30dBm adjustable;50Ω load
Communication interface	LAN,RS232,RS485,Wiegand26/34,IEEE 802.11 (TCP/IP & Wifi Optional)
Power dissipation	average<10W
Application software	Provide with Demonstration Software and SDK
Tag Operation Performance	
Reading distance	0 – 6m 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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