

IDentium UHF Long Range Reader IDTS – IF12 (S/L/W)



Introduction:

IDentium UHF Long Range Reader IDTS-IF12 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:

- Parking management: Long range intelligent parking management and automatic charge without stopping the car
- Production line management: Goods identification for production flow
- Auto Access control: Long range access control management for custom, sea port

Specifications:

Model No.	IDTS – IF12 (S/L/W)
Frequency range	865-867MHZ(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, (TCP/IP & Wifi Optional)
Power dissipation	average<10W
Application software	Provide with Demonstration Software and SDK
Tag Operation Performance	
Reading distance	0 – 20m equipped with 12dbi 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