SCANMAX

Shenzhen Rakinda Group

SM-8280A UHF Middle Range Reader

INTRODUCTION:

Integrated, high performance 8dBi circular polarization antenna ensure long-range reading & writing and easy installation

FEATURE:

1. Protocol support: ISO 18000-6B or ISO 18000-6C(EPC Gen2)

2. Software with different Programming language allows easy upgrade;

3. Waterproof and sunshine defending, idea for outdoor applications.

APPLICATION:

1.Intelligent traffic such as ETC; 2. Customs border-crossing; 3. parking lot ; 4. automatic weighting;

5. Container management,pallet management ; 6. asset management ; 7. Ticketing& access control;

8. Pharmaceuticals such as medical waste management

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PERFORMANCE PARAMETERS

Item No.	
SM-8280A	**RS232,RS485,Wiegand**
SM-8280B	**RS232,TCP/IP,Wiegand**
SM-8280W	**RS232,WIFI,Wiegand**
SM-8280G	**RS232,GPRS,Wiegand**
Performance parameters	
Working Frequency	902~928 MHz or 865~868MHz
Protocol	ISO18000-6C(EPC C1 GEN2)
Radio frequency power	0dBm~30dBm(Adjustable)
Software & SDK	DEMO and C#,VC,VB,Java,DELPH, etc.,
Encryption	Can be directly encrypted, copy prevention.
Reading range	stable reading range 5M(Depends on tag&environment)
Industrial lightning protection	6000V industrial lightning protection
Low temperature protection	Northeast,Northwest extremely cold region,low temperature protection
Frequency modulation way	Broad spectrum frequency hopping or fixed frequency
Input/output port	Two-way relay output(customized), one-way trigger input
Antenna gain	8dBi circular polarization
Working way	Buzzer
Power	12V/3A Adaptor
Physical parameters:	
Item size	280x280x40mm
Package size	430x330x130mm
Net weight	3KG
Shell material	ABS
Working temperature	-20℃~+65℃
Storage temperature	-45℃~+95℃