SCANMAX

Shenzhen Rakinda Group

SM-9292W UHF RFID Long Range Reader

INTRODUCTION:

SM-9292 is a EPC Class 1 Gen2 UHF RFID long range fixed reader. With cutting edge technology from the US, 9292 has great inventory rate and tag reading rate. It can handle tags in motion, meanwhile successfully achieved massive tags and intense reading.

FEATURE:

1. Integrated,high performance 12dBi vertical antenna ensure long-range reading& writing and easy installation;

2. Multi-protocol support: ISO 18000-6C(EPC Gen2)

3. Super anti-interference ability for its FHSS frequency working method

4. Software with different Programming language allows easy upgrade;

5. Waterproof and sunshine defending, idea for outdoor applications;

6. All kinds of communication interfaces and customizing is available too.

APPLICATION:

1. Vehicle management: monitoring and managing autos and containers;

2. Customs management: great speed up the customs' process;

3. Logistics management: parcels and whale house management;

4. Access control: including car access and personal access;

5. Production line management: monitoring products from end to end;

SCANMAX

SCANMAX

Performance parameters

Item No.	
SM-9292A	**RS232,RS485,Wiegand**
SM-9292B	**RS232,TCP/IP,Wiegand**
SM-9292W	**RS232,WIFI,Wiegand**
Performance parameters	
Working Frequency	902~928 MHz or 865~868MHz
Protocol	ISO18000-6C(EPC C1 GEN2)
Chip	Impinj R2000
Radio frequency power	0dBm~30dBm(Adjustable)
Software & SDK	DEMO and C#,VC,Java
Industrial lightning protection	6000V industrial lightning protection
Low temperature protection	Northeast,Northwest extremely cold region,low temperature protection
Reading range	stable reading range 25-30M(Depends on tag&environment)
Multiple tags reading	0-200 tags
Storage space	1M or 8M Flash save without power supply(customized)
Real-time clock	without power supply, real-time clock save and working(customized)
Frequency modulation way	Broad spectrum frequency hopping or fixed frequency
Input/output port	Two-way relay output(customized), two-way I/O input(customized)
Label signal numerical	RSSI numerical test
Antenna gain	12dBi polarization
Working way	Buzzer
Power	12V/3A Adaptor
Ethernet power supply	POE(customized)
Physical parameters:	
Item size	450x450x50mm
Package size	600x480x110mm
Net weight	5KG
Shell material	ABS
Working temperature	-20℃~+65℃
Storage temperature	-45℃~+95℃