

SM-8290A UHF RFID LONG RANGE READER



INTRODUCTION:

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

FEATURE:

1. Multi-protocol support: ISO 18000-6B&ISO 18000-6C(EPC Gen2);
2. Super anti-interference ability for its FHSS frequency working method;
3. Software with different Programming language allows easy upgrade;
4. Waterproof and sunshine defending, idea for outdoor applications;
5. All kinds of communication interfaces can be customized;

APPLICATION:

1. Intelligent traffic such as ETC; 2. Customs border-crossing; 3. Parking lot; 4. Automatic weighting;
5. Logistics such as container management; 6. Pallet management; 7. Asset tracing;
8. Ticketing and access control system



PERFORMANCE PARAMETERS

Item No.	
SM-8290A	RS232,RS485,Wiegand
SM-8290B	RS232,TCP/IP,Wiegand
SM-8290W	RS232,WIFI,Wiegand
SM-8290G	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 25M(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	12dBi polarization
Working way	Buzzer
Power	12V/3A Adaptor
Physical parameters:	
Item size	450x450x50mm
Package size	600x480x110mm
Net weight	5KG
Shell material	ABS
Working temperature	-40°C~+65°C
Storage temperature	-45°C~+95°C