

Shenzhen Rakinda Group

SM-8288A UHF Middle Range Reader



INTRODUCTION:

This model is compatible with few protocol, easy to carry, high speed of the reading, multiple card reading, circular polarization antenna and waterproof

FEATURE:

- 1. Wake up tags: tag only be waked up when communicate with reader, prevent the disturbing from other tags, ensure the correct information between reader and system's tag.;
- 2. Read data: it can get the ID number of tag, and also get the data which in the specify area, multi tags readi
- 3. Write data: can write data in specify tag's storage area;
- 4.Can connect with the device which has W26 and W34 interface, no need to develop;
- 5.Communicate with controller or PC, that can get the data; provide SDK development kit, user can develop

APPLICATION:

- 1.Transportation management; 2. Vehicle management; 3. Road and bridge toll; 4. Customs management;
- 5. Warehouse management; 6. Car parking management; 7. Access control management;
- 8. Production management



SM-8288A RS232,RS485,Wiegand SM-8288B RS232,TCP/IP,Wiegand SM-8288W RS232,GPRS,Wiegand SM-8288G RS232,GPRS,Wiegand Performance parameters Working Frequency 902~928 MHz or 865~868MHz Protocol ISO18000-6C(EPC C1 GEN2) Radio frequency power OdBm~30dBm(Adjustable) Software & SDK DEMO and Cfi,VC,VB,Java,DELPH, etc., Encryption Can be directly encrypted, copy prevention. Reading range stable reading range 12~15M(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 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight 4KG Shell material ABS Working temperature -20°C~+65°C	PERFORMANCE	PARAMETERS
SM-8288B SM-8288W R5232,MFI,Wiegand SM-8288G RS232,GPRS,Wiegand Performance parameters Working Frequency 902°928 MHz or 865°868MHz Protocol ISO18000-6C(EPC C1 GEN2) Radio frequency power OdBm~30dBm(Adjustable) Software & SDK DEMO and C#,VC,VB,Java,DELPH, etc., Encryption Can be directly encrypted, copy prevention. Reading range stable reading range 12~15M(Depends on tag&environment) Industrial lightning protection Anotheast,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 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight ABS Working temperature -20°C~+65°C	Item No.	
SM-8288W SM-8288G RS232,GPRS,Wiegand Performance parameters Working Frequency 902°928 MHz or 865°868MHz Protocol ISO18000-6C(EPC C1 GEN2) Radio frequency power OdBm~30dBm(Adjustable) Software & SDK DEMO and CH,VC,VB,Java,DELPH, etc., Encryption Can be directly encrypted, copy prevention. Reading range 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 Antenna gain 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight ABS Working temperature -20°C~+65°C	SM-8288A	RS232,RS485,Wiegand
RS232,GPRS,Wiegand Performance parameters Working Frequency 902~928 MHz or 865~868MHz Protocol ISO18000-6C(EPC C1 GEN2) Radio frequency power OdBm~30dBm(Adjustable) Software & SDK DEMO and C#,VC,VB,Java,DELPH, etc., Encryption Can be directly encrypted, copy prevention. Reading range stable reading range 12~15M(Depends on tag&environment) 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 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight ABS Working temperature -20°C~+65°C	SM-8288B	RS232,TCP/IP,Wiegand
Performance parameters Working Frequency 902~928 MHz or 865~868MHz Protocol ISO18000-6C(EPC C1 GEN2) Radio frequency power OdBm~30dBm(Adjustable) Software & SDK DEMO and C#,VC,VB,Java,DELPH, etc., Encryption Can be directly encrypted, copy prevention. Reading range stable reading range 12~15M(Depends on tag&environment) 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 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight ABS Working temperature -20°C~+65°C	SM-8288W	RS232,WIFI,Wiegand
Working Frequency 902~928 MHz or 865~868MHz Protocol ISO18000-6C(EPC C1 GEN2) Radio frequency power OdBm~30dBm(Adjustable) Software & SDK DEMO and C#,VC,VB,Java,DELPH, etc., Encryption Can be directly encrypted, copy prevention. Reading range stable reading range 12~15M(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 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight 4KG Shell material ABS Working temperature - 20°C~+65°C	SM-8288G	RS232,GPRS,Wiegand
Protocol Radio frequency power OdBm~30dBm(Adjustable) Software & SDK DEMO and C#,VC,VB,Java,DELPH, etc., Encryption Can be directly encrypted, copy prevention. Reading range stable reading range 12~15M(Depends on tag&environment) 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 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight ABS Working temperature -20°C~+65°C	Performance parameters	
Radio frequency power OdBm~30dBm(Adjustable) Software & SDK DEMO and C#,VC,VB,Java,DELPH, etc., Encryption Can be directly encrypted, copy prevention. Reading range stable reading range 12~15M(Depends on tag&environment) 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 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight ABS Working temperature -20°~+65°C	Working Frequency	902~928 MHz or 865~868MHz
DEMO and C#,VC,VB,Java,DELPH, etc., Encryption Can be directly encrypted, copy prevention. Reading range stable reading range 12~15M(Depends on tag&environment) 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 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight 4KG Shell material ABS Working temperature -20°C~+65°C	Protocol	ISO18000-6C(EPC C1 GEN2)
Encryption Can be directly encrypted, copy prevention. Reading range stable reading range 12~15M(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 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight 4KG Shell material ABS Working temperature -20°C~+65°C	Radio frequency power	0dBm~30dBm(Adjustable)
Reading range stable reading range 12~15M(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 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight 4KG Shell material ABS Working temperature -20°C~+65°C	Software & SDK	DEMO and C#,VC,VB,Java,DELPH, etc.,
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 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight 4KG Shell material ABS Working temperature -20°C~+65°C	Encryption	Can be directly encrypted, copy prevention.
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 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight 4KG Shell material ABS Working temperature -20°C~+65°C	Reading range	stable reading range 12~15M(Depends on tag&environment)
Frequency modulation way Broad spectrum frequency hopping or fixed frequency Input/output port Two-way relay output(customized), one-way trigger input Antenna gain 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight 4KG Shell material ABS Working temperature -20°C~+65°C	Industrial lightning protection	6000V industrial lightning protection
Input/output port Two-way relay output(customized), one-way trigger input Antenna gain 10dBi polarization Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight 4KG Shell material ABS Working temperature -20°C~+65°C	Low temperature protection	Northeast, Northwest extremely cold region, low temperature protection
Antenna gain Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight 4KG Shell material ABS Working temperature -20°C~+65°C	Frequency modulation way	Broad spectrum frequency hopping or fixed frequency
Working way Buzzer & LED Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight 4KG Shell material ABS Working temperature -20°C~+65°C	Input/output port	Two-way relay output(customized), one-way trigger input
Power 12V/3A Adaptor Physical parameters: Item size 420x240x50mm Package size 600x310x110mm Net weight 4KG Shell material ABS Working temperature -20°C~+65°C	Antenna gain	10dBi polarization
Physical parameters: Item size	Working way	Buzzer & LED
Item size $420x240x50mm$ Package size $600x310x110mm$ Net weight $4KG$ Shell materialABSWorking temperature $-20^{\circ}C^{\sim}+65^{\circ}C$	Power	12V/3A Adaptor
Package size $600x310x110mm$ Net weight $4KG$ Shell material ABS Working temperature $-20^{\circ}C^{\sim}+65^{\circ}C$	Physical parameters:	
Net weight $4KG$ Shell material ABS Working temperature $-20^{\circ}C^{\sim}+65^{\circ}C$	Item size	420x240x50mm
Shell material ABS Working temperature $-20^{\circ}\text{C}^{\sim}+65^{\circ}\text{C}$	Package size	600x310x110mm
Working temperature $-20^{\circ}\text{C}^{-+}65^{\circ}\text{C}$	Net weight	4KG
	Shell material	ABS
Storage temperature AF°CxxxF°C	Working temperature	-20℃~+65℃
olorage temperature [-45 Cir+95 Cir	Storage temperature	-45℃~+95℃