

**Product name: mid-range RFID reader**

**JT-8282B**



**INTRODUCTION:**

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

**PRODUCT FEATURE:**

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

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

Software with different Programming language allows easy upgrade.

Waterproof and sunshine defending, idea for outdoor applications.

All kinds of communication interfaces and customizing is available too.

## SPECIFICATION:

Item No.	
JT-8282B	RS232,RJ45,Wiegand
Performance parameters	
Working Frequency	902.5~927 MHz
Protocol	ISO18000-6C(EPC C1 GEN2)
RF power	0~30dBm(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
Low temperature protection	Northeast, Northwest extremely cold region, low temperature protection
Frequency modulation	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
<b>Physical parameters:</b>	
Item size	280x280x80mm
Package size	430x330x130mm
Net weight	3KG
Shell material	ABS
Working temperature	-20°C~+65°C

Storage temperature	-45°C~+95°C
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## WIRING DIAGRAM:

Power	GND	485A+	485B-	WG DATA0	WG DATA1	Trigger T+	Trigger T-	RS232 RXD	RS232 TXD	GND
Red	Black	Brown	Orange	Yellow	Grey	Rose red	Black	Puple	White	Black

## APPLICATION:

Intelligent traffic such as ETC;

Customs border-crossing, parking lot, automatic weighting;

Logistics such as container management, pallet management, asset tracing etc;

Ticketing& access control ;

Pharmaceuticals such as medical waste management ,etc.

## FCC STATEMENT :

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

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**Warning:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

**FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.