

Make identification easier

SPEEDWORK

Shenzhen Jietong Technology Co.,Ltd

www.jtspeedwork.com

JT-8380

MIDDLE DISTANCE UHF RFID
INTEGRATED READER(SINGLE
TAG)



JT-8380 Middle Distance UHF RFID Integrated Reader



SPEEDWORK

— J I E T O N G —

SPECIFICATION

Working frequency	902-928MHz(US),865-868MHz(EU)
Protocol	EPC C1 Gen2,ISO18000-6C
Size	208*208*46mm
Weight	About 2kg
Shell material	ABS and aluminum alloy
RF power	0~30dBm(Software adjustable)
Reading distance	Stable 0-5m(depend on antenna and environment)
Antenna gain	8dBi circular polarization
SDK	Demo and C++,C#,JAVA,Android
I/O interface	1 trigger input and 2 relay outputs(customized)
Special	Low temperature treatment in some cold area
Communication port	RS232,RS485,WG(standard),TCP/IP(optional)
RS232 baud rate	115200 bps (default)
Power supply	DC 24V or 12V/3A
Peak current	500mA
Storage humidity	5%~95% RH non-condensing
Storage Temp.	-30°C~+80°C
WorkingTemp.	-20°C~+65°C
JT-8380C	RS232,RS485,WG
JT-8380B	RS232,TCP/IP,WG

Introduce:

JT-8380 is a new generation of ultra high frequency (UHF) electronic label reader developed by our company. Compatible with FCC ISM (902~928MHz) standard ETSI (865.6~867.6 MHz) (customer needs to be customized), used to read and write ISO18000-6C (EPC C1 GEN2) electronic tags. JT-8380 provides API functions suitable for specific applications to facilitate users' secondary development. And integrated network interface, with management software and database, can be easily and quickly applied to warehousing logistics, VMI-HUB, pallet management, flow board management, production line work piece control, material control, identification, access control and other fields.

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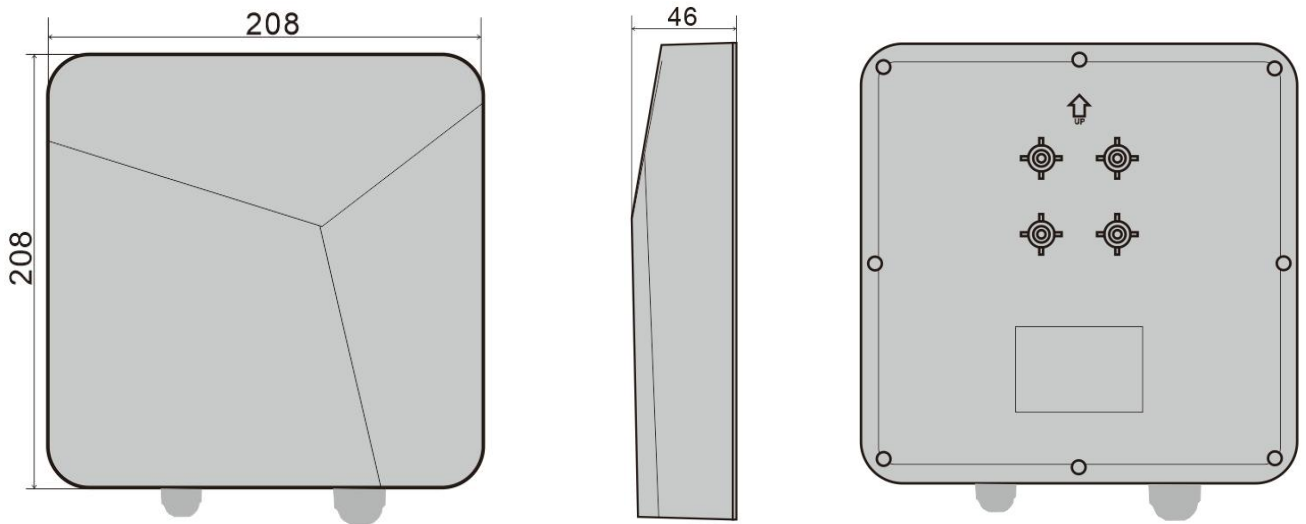
Address:4/F,7Building,LIHe industry,NO.1055 Songbai Road ,Nanshan District , Shenzhen ,China

Website:
www.jtspeedwork.com

Tel:
+86-755-86634280

Mail:
marketing@jtspeedwork.com




JT-8380 STRUCTURE



FEATURES

- This product has a fast reading rate and a waterproof appearance design, which meets the requirements of the harsh working environment;
- With high stability, 60×24 hours high temperature copy machine, uninterrupted and stable operation;
- Support multiple communication methods such as RS485, RS232 and Wiegand26/34;
- The output power is adjustable up to 30dbm, and supports multiple working modes such as timing mode, master-slave mode, trigger mode, etc.;
- Excellent anti-interference performance and circuit lightning protection design;
- Use standard API interface, provide DEMO and source code, support C#, VC, VB, JAVA and other development routines, easy to integrate with RFID software;
- Suitable for applications: vehicle access control, automatic toll collection without stopping, personnel access control management, logistics monitoring, production automation management and other fields.

Interface Description

Pic	Name	Dec
	RS232	Serial communication
	RJ45	Network port(TCP/IP) communication
	Power	DC12V power connector

Certificate

CERTIFICATE



CERTIFICATE
Of Conformity
Directive 2014/53/EU
On The Radio Equipment Directive

Registration No.: AT011607936S
Report No.: R011607936T, R011607936E, R011607936S, R011607936H

Applicant : Shenzhen Jietong Technology Co., Ltd.
A-3F, Bailing Building, Shahe West Rd 5288, Nanshan District, Shenzhen, China

Product : UHF RFID Reader

Identification : Model No. : JT-8288B, JT-8288A, JT-8288C, JT-8288W, JT-8288A, JT-8288B, JT-8288W, JT-8290A, JT-8290B, JT-8290W

Trade Mark : N.A.

Rating : DC 12V, 3A

Test Standards : Radio EN 302 208-1 V2.1.1: 2015, EN 302 208-2 V2.1.1: 2015
LVD EN 60950-1:2006+A11:2009+A11:2010+A12:2011+A2:2013
EMC EN 301 488-1 V1.3.2: 2011, EN 301 488-3 V1.6.1: 2013
Health EN 62311: 2008

The certificate of conformity is based on an evaluation of a sample of the above-mentioned product. Technical report and documentation are at the applicant's disposal. This is to certify that the tested sample is in compliance with the requirements of article 3 of the Radio Equipment Directive 2014/53/EU. The certificate does not imply assessment of the production and does not permit the use of Lab's logo. The applicant of the certificate is authorized to use this certificate in connection with EU declaration of conformity to article 18 of the Directive.



Certified by



Tony Chen
Manager



Oct 19, 2016
Date

Shenzhen Anbotek Compliance Laboratory Limited
1/F, Building 1, SEC Industrial Park, No.0450 Qianhai Road, Nanshan District, Shenzhen, Guangdong, China
Tel: (86)755-26066544 Fax: (86)755-26014772
Http://www.anbotek.com Email: service@anbotek.com

Verification of Conformity
Electromagnetic Emissions

Reference No. : ET14033024-FCC

Applicant : Shenzhen Jietong Technology Co., Ltd.
Address : Rm 406, No.3 Building, No. 4 Estate, 2nd Industrial Zone, Zhuguang Village, Xili Town, Nanshan District, Shenzhen, China
Manufacturer : Shenzhen Jietong Technology Co., Ltd.
Address : Rm 406, No.3 Building, No. 4 Estate, 2nd Industrial Zone, Zhuguang Village, Xili Town, Nanshan District, Shenzhen, China
Product : UHF Reader
Models No. : JT-928, JT-9282, JT-9292

The above product has been tested by Shenzhen Easy Test Electronic Products Co., Ltd. with the listed standards and found in Compliance with the Code of Federal Regulations.

Title 47-Telecommunications, FCC Rules and Regulations Part 15, Subpart B and the measurement Procedure according to ANSI C63.4-2010.

Conforms to the following FCC Rule Specifications
FCC Part 15.109, Class B-Residential Radiator Emissions at 3 meters. Testing was performed in a FCC Listed 3 meter semi-anechoic chamber.
FCC Part 15.107, Class B-Residential Radiation Emissions at shield Room. Testing was performed in a FCC Listed shield Room.

March 19, 2014

The statement is based on a single evaluation of the sample of above mentioned products. It does not imply an assessment of the whole production.

Shenzhen Easy Test Electronic Products Co., Ltd.
Unit 1914, No.1 Jiapei Ninth Road, Chongmen, Futian, Shenzhen, China
Phone: 0755-8578 2883 FAX: 0755-8578 1887 Http://www.easytest.com



QUALITY MANAGEMENT SYSTEM
CERTIFICATE

This is to certify that the Quality Management System of
SHENZHEN JIETONG TECHNOLOGY CO., LTD.

Registered Address: 4/F, Building 6, Line Industrial Park, No.1055 Songbai Road, Xili Street, Nanshan District, Shenzhen City, Guangdong Province
Business Address: 4/F, Building 6, Line Industrial Park, No.1055 Songbai Road, Xili Street, Nanshan District, Shenzhen City, Guangdong Province

by reason of its
Quality Management System
has been awarded this certificate for compliance with standard
GB/T19001-2016 idt ISO9001:2015
for the
Design, manufacture and related management activities of radio frequency identification equipment (reader)

Certificate No: HIC160107
Unified Social Credit Code: 914403007310621605
Date of initial certification: 20 Feb 2019
Date of issue: 20 Feb 2019
Certificate Expiry: 19 Feb 2022

发 证
证书专用章

CNAS 中国合格评定国家认可委员会
MANAGEMENT SYSTEM
CNAS C18-M

IAF INTERNATIONAL ASSOCIATION OF CERTIFICATION BODIES

HIC Certification Service

21E Buhai Building South Block No.3015 Sanyang East Road, Luohu District, Shenzhen City, Guangdong Province, China. hic@hicmap.com.cn

Application

Trash management



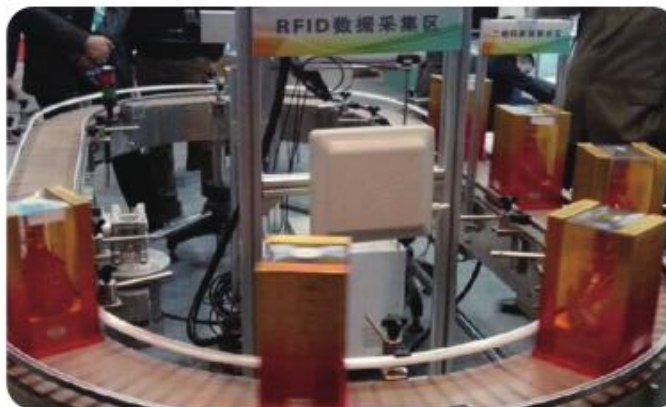
Personnel Management



Fire truck management



Production line management



Weighing management



Motorcycle management



FCC WARNING

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.

Any 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.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.