Minjie 2.4GHz
Wireless barcode scanner
Instruction for use

32 bit high speed CPU
V3.00

Parameters

Working electrical parameters: 5/3.3 V + / - 10% x100mA (standby: 10 ma)

Scanning type: two-way single scan

Decoding: CPU ARM32 Cortex

Decoding software version number: MJ_tech V3.00 2012/11/01

Light source: 650 nm visible laser diode

Trigger mode: key, continuous, automatic induction

Induction parameters: the continuous induction time interval: 0.3 S,

induction/handheld switch time: 6 SPrompt: buzzer, indicator light

Print contrast: the reflection coefficient is not less than 25%

Read the code accuracy: 3.3 mil

Decoding rate: 200 times per second.

The error code rate can be set up 1/500, 1/2000

Scanning width: 30 cm

Scanning depth of field	3.3mil	2mm-100mm
	10mil	2mm-350mm
	15.6mil	5mm-600mm
	35mil	10mm-1000mm

Scanning Angle: the Angle of plus or minus 30 °, plus or minus 45 ° Angle, Angle of plus or minus 60 °

Dry anti-disturbance: lighting in the factory or sunlight conditions will not affect it

Decoding ability: UPC/EAN, UPC/EAN, Code128, including complementary Code Code39, 39 full ASCII Code, Codabar, industrial/Interleaved 2 of 5, Code93, MSI, Code11, ISBN or ISSN, Chinapost, etc

The key life: 500,000 times;The laser working life: ten thousand hours

Drop test: from 1.5 m high fell to the concrete ground.

Interface type: USB virtual serial port,

Relevant certification: CE, FCC, RoHS, Class I

2

Dear customer:

Thank you for purchasing 2.4GHZ wireless barcode scanner, in order to better use this product, please read the instruction manual before operation.

Other questions, please contact technical support.This manual contains warranty card, please keep safely.Thank you very much!

Item listing

1. 2.4GHZ host a   2. Charging Cable

3. Two pieces Portable set cards.

The performance parameters:

LED light source laser 650 + / - 20 nm

Support the barcodes:

Code128, Code93, Code39, Code11, Codabar, UCC/EAN-128, EAN-8,

EAN-13, UPC-A, ISBN, MSI, Industrial/Interleaved 2 of 5

2.4GHz support GS1 Databar Code32

Minimum resolution 3.3 mil

Scanning depth of 2 mm - 1000 mm

Two-way single line scan mode

Barcode Angle Angle of 30 degrees, elevation of 45 degrees, 65 degrees Angle

Wireless distance of 10 meters, the recommended storage mode

Long press button can switch work mode.

Biggest storage quantity :according to the barcode number of characters, typical applications, such as storage delivery orders quantity

2.4GHz   biggest 100000 type

Long press button can switch work mode

Internal constant current charging power supply 5 v, 500 ma, constant voltage charging.

Work 40 ma, read code current working current 15 ma

Standby current 5 ma, shutdown current 18 ua

2.4GHz set code

Scanning setting codes directly according to the described function .More Settings,

consult your dealer.

Display the version number

receiver version number

Restore the factory setting

Match the receiver

Scanner mainframe and matched receiver : scanner mainframe can match any

receiver, but there is only one matched receiver.The matched receiver can match

with multiple scanner mainframes.The scanner mainframe will transfer data to the

only one matched receiver .But the matched receiver can receive data from multiple

scanner mainframes.

Match action:

Put matched receiver insert computer USB interface, after into the working state,

use scanner mainframe scan matched receivers setting codes.When the scanner

mainframe has multiple receivers in working state, Put the mainframe near to the

matched receiver. Finish matched, scan display the version number setting to check

if it match correctly.

4

Instant upload

Storage mode

2.4GHZ has two working modes

1. Upload Instant , scan the barcode, uploaded to the receiver directly

2. Storage mode, scan the barcode first deposited in the internal storage.Upload

storage through the barcode scanning.

Rapid switching The working modes.

Through the long press button for 6 seconds, can switch work mode

Upload data

1. Upload data: memory bar code data uploaded to the receiver.

Display the total number

2. Display the total number:display the barcode quantity in storage.

Reset to zero (be careful use it)

3.Reset: remove all bar code data stored in memory.

Remaining energy

1. dump energy: the internal lithium battery power left

Automatic standby 10 seconds

Automatic standby 20 seconds

Automatic standby 30 seconds

Automatic standby 15 minutes

Automatic standby 30 minutes

2. Standby:standby state,shut off the engine power , but CPU still on electrical work.

Can be enter scanning decode quickly when the button be pressed,

Shutdown after 10 seconds standby automatiC

Shutdown after 30 seconds standby automatiC

Shutdown after 60 seconds standby automatiC

Shutdown after 5 minutes standby automatiC

6

Shutdown after 15 minutes standby automatic

Automatic shutdown:shut off the engine power and leakage current is lower than 18 microampere.

Close the buzzer

Low volume

Middle volume

High volume

USB virtual keyboard

USB virtual serial port

1 Setting:the receiver should be on the electrical work, the data stored in the receiver after setting.

2.USB virtual serial port output need to install the driver. Support only XP or under XP system, does not support Windows 7 and doi in temporary.

7

Shut down the induction module

Open the induction module

A suffix enter

A suffix newline

A suffix enter and newline

Cancel suffix

Add 'STX identifier in front bar code

Add 'ETX identifier behind bar code

Add the barcode type ID characters in front bar code

Close the barcode type ID characters

Open Code32 decoder

Close Code32 decoder

Output Code32 check code

No output Code32 check code

1. **2.4GHZ** Code32 decoder and GS1 Databar decoder.

9

Warranty card to the user

Thank you for using. please keep this card, and present it when maintenance.

User name		Telephone	
product model		product SN：	
Purchasing date	On _____ _____ _____ years (the invoice date shall prevail)		

Warranty principle: (three months replacement warranty period of one year)

1.Free repair in the scope of warranty.

2.Outside the scope of the warranty maintenance services,company doesn't bear the standard parts cost and maintenance fee.

3.Any direct or indirect losses caused by product failures, the company does not undertake any responsibility.

The following does not belong to the warranty scope.

1.Due to improper operation caused by fault or damage.

2.Fault and damage caused by improper use of the environment.

3.Force accidents, or repair damage in transit.

4.Non-company personnel, dismantling equipment cause damage.

The dealer	
Detailed Address	

Phone:		FAX:	

Dealer stamp

_____DATE

Related certification		Certificate of Approval
	RoHS	Type no:_____
C E	CLASSI	Test engineer：_____ Release date:_____

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.

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, 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,

—Reorient or relocate the receiving antenna.

—Increase the separation between the equipment and receiver.

11

—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.

RF warning statement

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.