

2.4G/433M/Bluetooth

Wireless barcode scanner Manual Guide

32-bit high-speed CPU

Super-long working time

Simple setup

Multi-language

V1.00



Specification

Wireless Frequency: 2.4G/433MHZ/Bluetooth	
Transmission distance: 2.4G=30m/433M=400m/ Bluetooth=10m	
storage: 200/150000 barcodes	
Working current: 3.3V \pm 10%x40mA	Standby current : 18uA-5mA
Working time: 3 to 10 days	Charging supply: 5V-500mA

Scanner parameters

Scanning type : bi-directional	Light source: 650 \pm 20nm LD
Scanning width : 30cm	BER : 1/5million、1/20million
Printing Contract : >25%	Indication: Buzzer & LED

Trigger Mode: Button, Continuous, Auto-Induction

Depth of Field	3.3mil	2mm-100mm	CPU: ARM 32-bit Cortex
	10mil	2mm-350mm	Resolution : 3.3mil
	15mil	5mm-500mm	Decoding speed: 200/sec
	30mil	10mm-800mm	

Scanning angle: rotor angel \pm 30°, inclination \pm 45°, declination \pm 60°

Anti inference: industrial lighting or sun will not make any difference

Decoding Capability: UPC/EAN、with complementary UPC/EAN、
Code128、Code39、Code 39Full ASCII、Coda bar、industrial
/Interleaved 2 of 5 Code93、MSI、Code11、ISBN、ISSN、China post、
etc (optional)GS1 Databar.Code32

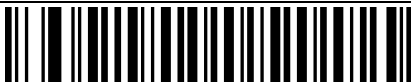
Button life : 500,000 times	laser life: 10000 hours
Drop test : 1.5m	Interface: USB, USB-COM
Certificate : CE, FCC, RoHS, Class I	

General Settings

Scanning setting code described function can be realized



Restore defaults



Match

2.4G/433M/ Bluetooth Network mode : One to one , More to one

2.4G/433M Matching Operation : Connect receiver to host , when it enter working mode, in two minutes, scan the bar code “Math” matching with receiver .

working mode : Instant upload mode、storage mode

Mode Conversion: a、Scan Barcode b、Press key for 20s

1. Instant upload mode: Instant upload bar code to receiver



Instant upload Mode



HID speed-fast (windows or other)


















HID speed-slow (MAC or IOS)

2. Storage mode : Store the barcode inside of the scanner, then upload the bar code when on the wireless transmission range.



Storage Mode

	
Show total storage	Upload Data
	
Upload fast-Default	Upload slow
	
Zero clearing (clearing all the bar code stored in the scanner)	
Interface setup (2.4G、433M)	
	
USB_HID-Default	USB virtual COM
Buzzer Setup	
	
Closed voice	Low volume
	
Medium volume	High volume-Default
Repeat code setup	
	
Repeat code function(ON)	Repeat code function(OFF) -Default
	
Time setting Repeat code-1s	Time setting Repeat code-10s

Power & Standby Setup



Battery Reserve

Standby setup: In Standby mode, switch offer engine power, But CPU is still In standby operation mode ,Scanner can enter decoding mode after you press the key



10s Automatic Standby



30s Automatic Standby



15mins Automatic Standby



30mins Automatic Standby

Auto power-off: After auto power-off , Leakage current is less than 10uA



10s Automatic Switch off



30s Automatic Switch off



5mins Automatic Switch off



15mins Automatic Switch off

Trigger Mode



Keys Trigger



Continuous Mode



Auto-induction module(ON)



Auto-induction module(OFF)

Setup longer standby and switch-off time when enable Auto-induction

Data editing



CR(suffix)



CR+ Skip(suffix)



Tab(suffix)



Disable suffix

Note: More data editing, refer to Appendix “Data editing”

ON/OFF



ID(OFF) -Default



Add ID front



FULL ASCLL(OFF) -Default



FULL ASCLL(ON)



UPC to EAN13(OFF) -Default



UPC to EAN13(ON)



ISBN(OFF) -Default



ISBN(ON)



CODE32(OFF) -Default



CODE32(ON)



















MSI(OFF)-Default



MSI(ON)

Language

 UNITED STATES	 BELGIUM
 BRAZIL	 DENMARK
 FRANCE	 GERMANY
 HUNGARY	 ITALY
 LATIN AMERICA	 NETHERLANDS
 NORWAY	 PORTUGAL
 SPAIN	 SWEDEN
 UNITED KINGDOM	 UNIVERSAL

Note: More language setting, refer to Appendix “Language”










Bluetooth-specific settings

Bluetooth Matching operation

Version 3.0 or less: when connected to the selection input device

pairing code, the default pairing code "0000";

Version 3.0+ : without security lock

Bluetooth mode	
 HID-mode-Default	 SPP-mode
Bluetooth reliability	
 Reliability High	 Reliability Low-Default
<p><i>Note: High reliability: Transmission distance short, error rate Low</i></p> <p><i>Low reliability: Transmission distance long, error rate High</i></p>	
 Show/Hide IOS keyboard	
 Disconnect	 Match recent host connection
 Clear host is connected	 Shutdown