

sewoo

2D Wireless 2.4G + Bluetooth

NBS-8500D



- Light industrial rugged housing, withstand drop of 1.5m
- 640x480 pixels high level image sensor, easy and quick reading barcodes
- Transmission distance in open space: 2.4G 100m, BT 10m
- Compact size fit for all kinds of applications
- Buzzer and blue LED light indicator, clear scanning feedback



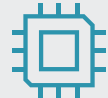
Mobile
payment



Red LED



1D / 2D



ARM



640x480
Pixel



APPLICATION



SPECIFICATIONS



PERFORMANCE PARAMETER

Image Sensor

CMOS

Image Size

640x480 pixels

Light Levels

White LED(Lighting) Red LED (Aiming)

CPU

32bit ARM

IP Standard

IP 54

Scanning Speed

60fps

Decoding Depth

50-390mm(13mil code39)

Working Current

250mah

Stand-by Current

<90mA

Size

Scanner: L* W * H = 147.7 * 90.6 * 62.8(mm)

Receiver: L* W * H = 15 * 6 * 19(mm)

Weight

Scanner:185g / Receiver: 1.6g

Input Voltage

DC 5V

Materials

ABS+PC

Input Voltage

DC 5V

Charging way

Charging with Type-C cable

Charging time

4.5H

Standby time

6 months(Dormant state)

Continuous battery life

27H

Battery

2600mAh

Replaceable & Rechargeable lithium battery

Receiver interface

USB

Temperature(Operating)

-10°C ~ 50°C

Temperature(Storage)

-20°C ~ 60°C

Humidity

5%~95% Relative humidity (non-condensing)

Scan Mode

Manual trigger & Automatic induction

Minimum Resolution

≥4mil

Indicate

LED indicator light, buzzer

Light Source

0~500Lux(fluorescent),

0~100,000Lux(Sunlight)

Interface

USB / USB-VCP

System supported

Android/Windows/Linux/IOS

Communication methods

2.4G wireless communication,

Bluetooth wireless communication

Communication distance

2.4G mode: 100M (open space)

Bluetooth mode: 10M (open space)

Motion Tolerance

13cm / second, (Skew/Pitch) +/- 65°

Scanning angle

rotate 360°, inclination 65°, elevation 60°

Decoding Capability

1D :

Codabar, Code11, Code39, Code32, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code93, Code128, GS1-128, UPC-A, UPC-E, EAN 8, EAN 13, GS1 DataBar(RSS14), GS1 DataBar Limited, GS1 DataBar Expanded, etc

2D :

PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix,Aztec Code

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