

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



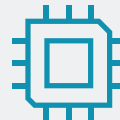
Mobile
Payment



Red LED



1D / 2D



ARM



640 x 480
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
0~5000Lux(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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