

- Maximized efficiency: 2D wireless
- Powerful performance with IP42 ruggedness
- Plug and play: Recharge base with 2.4G Receiver, no extra driver needed. Just plug the USB and open up EXCEL/WORD file to scan.
- Multiple scanner to one USB receiver base: Internal offline storage supports up to 10,000 barcode.
- Communication distance reaches 50 meters from basement.




SYDBS-306

Handheld 2D Wireless Barcode Scanner



The new creation of SYDBS-306 is a handheld 2D wireless barcode scanner with IP42 protection, boasting a high-caliber sensor to ensure the optimal scanning experience. An innovative way is uncovered by Sunyard to integrate the growing chorus of demands from scanning and billing functions on Alipay and WeChat. Through a USB or USB receiver, it can be widely applied in the retail industry, pharmaceutical industry, logistics, manufacturing industry, etc.

Two working modes are at hand to utilize: instant upload mode or storage mode. Just scan and store barcode when far away from the receiver, and then update the data to your device when you come back entering the wireless transmission range. 

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SPECIFICATIONS

Image(Pixels)

648 pixels(H) x 488 pixels(V)

Light Source

(Illumination) White color LED
(Aimer) Red color LED

Roll / Pitch / Skew

360°(Roll); $\pm 65^\circ$ (Skew); $\pm 65^\circ$ (Skew)

Print Contrast

15% minimum reflective difference

Battery

2400mAh LI-ion / 10 hours working

Motion Tolerances

More than 0.4m/s

Recharge Basement Cradle

2.4GHz , Plug & Play in Windows
Rang working area :
BT version 2.10+4.0 adaptive no radio,
Bluetooth v4.2

Environmental

Operating Temperature: $-20^\circ\text{C} \sim 60^\circ\text{C}$
Storage Temperature: $-30^\circ\text{C} \sim 70^\circ\text{C}$
Humidity: 5% ~ 95%, non-condensing

Ambient Light Immunity

0 ~ 100,000 Lux

Drop Resistance

2m

Depth of Field

27cm

Symbologies

2-D

PDF 417; QR code; Matrix 2 of 5; MicroPDF417; Australian Post; Canada Post; JapanPost; MaxiCode; Codablock; Aztec; Dutch Post; TLC 39; DataMatrix, etc.

1-D

Codebar; Code 11; Code 39; Code 93; Code 128; EAN 128; EAN.UCC Composite; Interleaved 2 of 5; Planet; Plessey code; Postnet; RSS; Standard 2 of 5; Telepen; UPC/EAN, etc.

IP Level / Resolution

IP42 / $\geq 4\text{mil}$

Scan Angel

Horizontal 34° ; Vertical 26°

Voltage

$3.3 \pm 5\%V$, 120mA

Scan Rate

500 scans per second

Charging Time / Operation Time

Less than 3.5 hours / About 70 hours

Physical

Dimensions (mm): 168 x 64 x 92

Weight: 200g