

# BC-W2B

high-speed 2D wireless scanner



## Product features

- High-speed decoding and performance
- Strong versatility: provides USB, USB-COM and other interfaces
- Equipped with vibration mode
- Built-in storage function, support inventory mode
- Support remote online upgrade
- Excellent durability: IP54 Dustproof, waterproof and can withstand drop to concrete floor at a height of 1.5 meters

## BC-W2B technical parameters

### Physical parameters

Scan mode	Key trigger/auto-sensing/continuous scanning
Communication interface	USB-HID keyboard/USB-COM virtual serial port
Wireless communication distance	Wireless 2.4G: 0-80m (open environment); Bluetooth: 0-20m (open environment).
Prompt mode	Buzzer, LED light, vibration motor
How it is set up	Manually scan the setup codes one after the other
Housing material	ABS+PC
Cable standard	USB 1m
Exterior dimensions	157mm×70mm×112mm(product);1 95mm×105mm×80mm(packaging)
Weight	179.2g (net weight); 298g (including packaging accessories).

### Performance parameters

Sensors	300,000 , CMOS																
Resolution	640*480																
Light source	White LED																
Scan angle	± 60°, ±60°, 360° (elevation, declination, rotation).																
Scan rate	120 fps																
Field of view	48° (H) x 30° (V)																
Printing contrast	Minimum 15%.																
Decoding kind	1D: EAN-13, EAN-8, UPC-A, UPC-E, ISSN, ISBN, CodaBar, Code 128, Code93, ITF-14, ITF-6, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, GS1 Databar (RSS), Code 39, Code 11, MSI-Plessey, etc 2D: QR Code, Data Matrix, PDF417, Micro QR, Aztec, etc., support mobile screen reading																
Minimum resolution	1D code 3MIL; QR code 5MIL																
Depth of field	<table border="1"> <tr> <td>QR (15mil)</td> <td>30~210mm</td> <td>EAN-13 (13mil)</td> <td>50~280mm</td> </tr> <tr> <td>QR payment code (mobile code)</td> <td>80~550mm</td> <td>Code 39 (8mil)</td> <td>30- 190mm</td> </tr> <tr> <td>Data Matrix (10mil)</td> <td>30- 140mm</td> <td>Code 128 (15mil)</td> <td>80~320mm</td> </tr> <tr> <td>PDF 417 (6.7mil)</td> <td>50- 120mm</td> <td></td> <td></td> </tr> </table>	QR (15mil)	30~210mm	EAN-13 (13mil)	50~280mm	QR payment code (mobile code)	80~550mm	Code 39 (8mil)	30- 190mm	Data Matrix (10mil)	30- 140mm	Code 128 (15mil)	80~320mm	PDF 417 (6.7mil)	50- 120mm		
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### Electrical parameters

Input voltage	DC 5V±10%
Current	Working: 350 mAh; Standby: 130 mAh
Battery	2000mAh lithium-ion battery
Charging time	4 hours
Battery life	10 days (standby), 24 hours (working: scan every 5 seconds).

### Environment parameters

Temperature	0°C-50°C (working); -40°C~+60°C (storage).
Humidity	5%-95% non-condensing
Ambient brightness	Max.5,000 Lux (fluorescence)
Drop Resistance	Drop proof of 1.5m on Concrete floor