

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

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|---------------------------------|---|
| 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

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|-------------------------------|--|------------------|-----------|----------------|----------|-------------------------------|----------|----------------|-----------|---------------------|-----------|------------------|----------|------------------|-----------|--|--|
| Sensors | 300,000 , CMOS | | | | | | | | | | | | | | | | |
| Resolution | 640x480(standard) , 1280x800 (Optional) | | | | | | | | | | | | | | | | |
| 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

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|---------------|--|
| 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

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|--------------------|--|
| 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 |