

# BC-W2R

high-speed 2D wireless scanner



## Product features

- High-speed decoding and performance
- OLED display
- Equipped with vibration mode
- Built-in storage function, support inventory mode
- Support remote online upgrade
- One-click pairing, one-click upload function
- With Cradle unit

## BC-W2R 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 setting code in turn and press the key to set
Housing material	ABS+PC
Cable standard	USB 1m
Exterior dimensions	157mm×70mm×112mm(product);128 mm×81 mm×89mm(pedestal)
Weight	179.2g (net weight).

### Performance parameters

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, 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	QR(20mil)	10~130mm	EAN-13 (13mil)	30~175mm
	QR payment code (mobile code)	60~300mm	Code 39 (8mil)	25~145mm
	Data Matrix (10mil)	20~100mm	Code 128 (7mil)	25~110mm
	PDF 417 (7mil)	25~105mm		

### 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