

2D 2.4G + Bluetooth Barcode Scanner

DS200RB



Features:

- Accurately interpret 1D and 2D barcodes.
- 100 meters wireless transmission distance.
- 1200mA large capacity lithium battery.
- Multiple scanning mode options.
- Compact and ergonomic design for hand-held use.



1D/2D



CMOS



Cable 1.5m



Drop test 1.5M



Open distance
area



1200mAh



Restaurant



Retail

Performance Parameters

Light type	White lighting, red aiming light
Decode	1D: EAN13, EAN8, UPC-A, UPC-E0, UPC-E1, Code128, Code39, Code93, CodaBar, Interleaved 2 of 5, Industrial 2 of 5, Matrix 2 of 5, Code11, MSI-Plessey, Standard 2 of 5, Plessey, China Post, Code16K, GS1 Databar(RSS-Expand, RSS-Limited, RSS-1. 2D: QR, PDF417, DataMatrix (ECC200) , Aztec, chinese sensible code, Maxicode, Micro QR, Micro PDF417.
Image sensor	Image CMOS
Resolution	640*480
Scan Mode	Manual/Continuous/Auto-inductive Scanning
Scan Angle	Skew $\pm 60^\circ$, Roll 360° , Pitch $\pm 60^\circ$
Depth of field	EAN13:60~250mm(13mil)
Bit Error Rate	Less than 1/5 million
Contrast	$\geq 20\%$
Scan accuracy	1D ≥ 5 mil / 2D ≥ 10 mil
Interface	USB-HID, USB-COM
Wireless Communication	Pairing dedicated receiver: 2.4G Communication Pairing Mobile Bluetooth Devices: Bluetooth 5.0
Wireless Transmission Distance	100 meters (open distance)
Pairing Mode	One to one: One scanning gun pairs one receiver One scanner paired with a bluetooth mobile device
Motion tolerance	30 cm/s.
Receiving End	Dedicated bluetooth U disk receiver, Android/iOS Mobile devices

Physical Parameters

Dimension	164.5mm*83.6mm*69mm
Material	ABS+PC
Cable	1.5M straight

Environmental Parameters

Operating Temperature	-20°C~50°C
Storage Temperature	-40°C~70°C
Relative Humidity	5%~95% (Non-condensing)
Ambient Lighting	0~100000LUX
Drop Resistance	Withstands multiple 1.5 meter drops to concrete

Electrical Parameters

Voltage	DC 5V $\pm 5\%$
Working Current	≥ 135 mA
Standby Current	0mA
Battery Working Time	6.5h
Charging Time	3-4h
Lithium Battery	1200mA
Charging Mode	Type C charging cable

Packing Details

Package Dimensions	42.5*42*52.5CM
G.weight	16.2kg
Quantity/carton	50pcs per ctn
Accessories	Micro USB Cable+charging cable