

**Wireless Bluetooth 2D Scanner**

# 5203BT Industrial



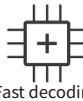
1D / 2D



High speed scan



Big vision



Fast decoding



Screen scan



Customized



Motion tolerance



IP65



Large battery



1.8M

## GENERAL FEATURES

- Low power consumption, high performance
- Comprehensive reading of all mainstream 1-D, 2-D code
- Quickly read the bar code on the phone screen
- Supports RS232 interface and USB interface
- The dual triangular Aimer automatically lights up to facilitate quick alignment of the bar code to be solved
- Support the correction standard ECC200 for Datamatrix barcodes
- Be compatible with Microsoft Windows 7 Professional Edition 32 and 64 bits, Windows 10 Pro 64 bits and Linux Kernel 3.19 or superior



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## Specifications

### Physical Characteristics

Dimensions	188mm x 90mm x 70mm
Weight	165g
Voltage/Current	5 VDC/ 350mA(opearting); 35mA(standby)

### Performance Characteristics

Image(Pixels)	640 p(H) x 480 p(V)	
Light Source	Aimer: 525nm green LED; illumination: 3500K white LED Good Read: 525nm blue LED	
Field of View	40° (H) x 30° (V)	
Scan Angle	Pitch ±65°    Yaw 360°    Roll ±60°	
Symbol Contrast	≥25%	
Interface	USB, RS232	
Motion Tolerance	≥2m/s	
Operating Distance	100m (250m in open conditions)	
Endurance Time	24.5H (scan the bar code 17,650 times at an interval of 5 seconds)	
Charging Time	Support fast charging, the whole charging time is 2.5H, and the single battery charging time is 2H	
Bluetooth	Bluetooth 5.0	
Symbologies	1D	Code 128, Code 39, Code 93, EAN-8, EAN-13, UPC-E, UPC-A, GS1-128, Codabar, Interleaved 2 of 5, GS1 DataBar
	2D	PDF417, QR Code, Micro QR, Data Matrix

### User Environment

Operating Temperature	32°F ~ 122°F / 0°C ~ 50°C
Storage Temperature	-40°F ~ 158°F / -40°C ~ 70°C
Drop Resistance	Withstand drop 1.8m on concrete
Humidity	5% ~ 95%, non-condensing
Waterproof Class	IP65
Ambient Light Immunity	86,000 Lux.



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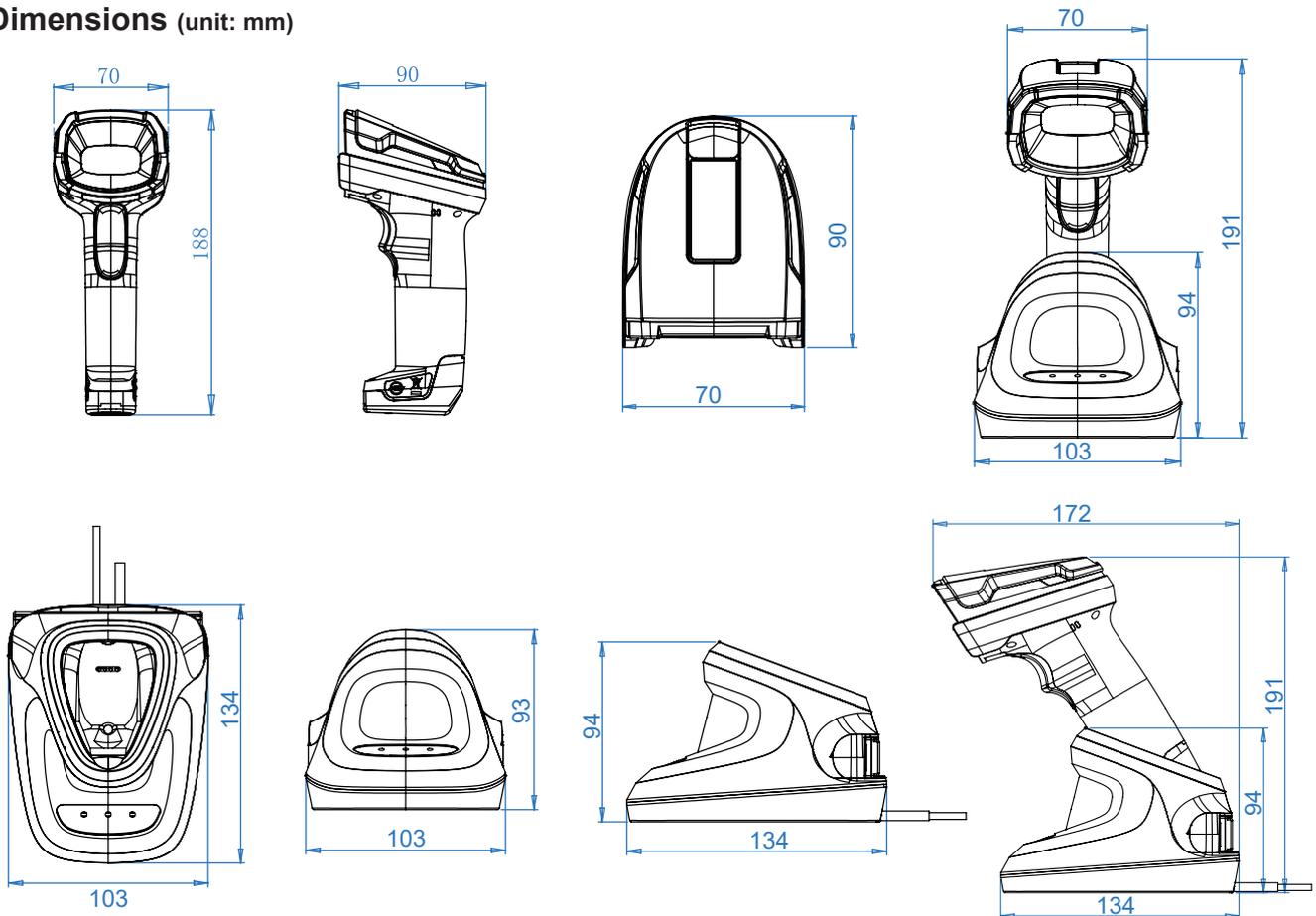
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## Specifications

### Typical Depth of Field

Code 39 (3.13 mil)	50mm-90mm
Code 39 (5.13 mil)	25mm-165mm
Code 39 (20 mil)	30mm-470mm
Code 128 (6 mil)	9mm-195mm
Code 128 (12 mil)	6mm-387mm
Code 128 (18 mil)	15mm-460mm
Code 128 (24 mil)	45mm-525mm
Code 128 (30 mil)	60mm-675mm
UPC-A (13 mil)	30mm-350mm
PDF (6.88 mil)	20mm-185mm
DM (10 mil)	20mm-190mm
QR (20 mil)	20mm-320mm

### Dimensions (unit: mm)



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