



**WDI4200** | 2D USB Barcode Scanner  
**Durable Multi-Purpose Barcode Scanner in  
Compact, Ergonomic Form-Factor**



**Key Features**

- Scans Popular 1D and 2D Barcodes
- Capable of Reading Barcodes on Smart Phones and Tablets
- Green Spot Technology for Good-Read Feedback
- Durable 5ft (1.5m) Drop Spec and IP42 Rating

# WDI4200 | 2D USB Barcode Scanner

## OPTIC & PERFORMANCE

Aiming: 1 Blue LED  
Illumination: White LED 350 - 770 nm  
Imager Sensor: Field of View: 48 x 37° (H x V)  
Wide VGA: 640 x 480 pixels  
Motion Tolerance: 20 IPS  
Resolution: Code 39: 4 mils: 0.102 mm; PDF417: 6.6 mils: 0.168 mm; QR/Data Matrix: 7.5 mils: 0.191 mm  
Scan Angle: Pitch: +/- 65°; Roll (Tilt): +/- 360°; Skew (Yaw): +/- 65°  
Print Contrast Ratio: 20%  
Field of View: 48° H x 37° V

## DEPTH OF FIELD

Code 39: 5 mils: 0.5 to 12.5 cm / 0.2 to 4.9 in  
EAN/UPCA: 13 mils: 0.5 to 30.0 cm / 0.2 to 11.8 in  
PDF417: 6.6 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in  
Data Matrix: 10 mils: 1.0 to 9.5 cm / 0.4 to 3.7 in  
QR: 20 mils: 1.0 to 14 cm / 0.4 to 5.5 in

## PHYSICAL CHARACTERISTICS

Dimension: 2.8 x 6.7 x 2.6 in (7.1 x 17.1 x 6.6 cm)  
Scanner Weight: 4.2 oz. (120 g.)  
Color: Black  
Connector: USB  
Trigger: Scan button  
Indicator: Beeper (Adjustable Tone and Volume), green spot for good-read feedback and good read LED

## ELECTRICAL

Operation Voltage: 5 VDC +/- 10%  
Working Current: 170 mA @ 5 VDC  
Standby Current: 90 mA @ 5 VDC

## CONNECTIVITY

Interface: USB

## USER ENVIRONMENT

Operating Temperature: 32~122°F (0~50°C)  
Storage Temperature: -4~158°F (-20~70°C)  
Humidity: 0%~95%RH (Non-condensing)  
Drop Durability: 5 ft. (1.5 m)  
Sealing: IP42  
Ambient Light: Up to 92,000 lux  
Symbologies: Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes. Aztec Code; China Han Xin Code; Data Matrix; MaxiCode; Micro QR Code; QR Code. Australian Post; China Post; IMB; Japanese Post; KIX Post; Planet Code; Portuguese Post; Postnet; Royal Mail Code (RM4SCC); Swedish Post. EAN/JAN Composites; GS1 DataBar Composites; GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; MacroPDF; MicroPDF417; PDF417; UPC A/E Composites.

## REGULATORY

ESD Protection: 16 KV  
EMC: FCC Part15B ClassB, CE EC-485\_0  
Safety Approval: IEC62471  
Environmental: WEEE, RoHS

## ACCESSORY

Stand: Wasp WDI4200 2D USB Barcode Scanner Stand (SKU: 633809002854, QTY: 1)

