

# Wasp

BARCODE TECHNOLOGIES



## **WDI9600** | Laser USB Barcode Scanner **Versatile USB 1D Barcode Scanner with Best-In-Class Reading Performance**



### **Key Features**

- Enhanced linear imaging technology for superior scanning and depth of field
- Soft line viewfinder technology to easily target the barcode to be read
- USB type A connectivity
- Disinfectant-ready enclosure resistant to harsh chemical cleaning
- Supports all common 1D barcodes, including GS1 DataBar™ linear codes.

Learn more about Wasp tracking solutions at [www.waspbarcode.com](http://www.waspbarcode.com).

# WDI9600 | Laser USB Barcode Scanner

## OPTICS & PERFORMANCE

Image Sensor: CCD Solid-State  
Light Source/Illumination: Dual LED Array 612 - 630 nm  
Read Rate (Maximum): 1,000,000 pixel/sec (400 reads/sec)  
Print Contrast Ratio (Minimum): 15%  
Reading Angle: Pitch: +/- 65°; Roll (Tilt): +/- 45°;  
Skew (Yaw): +/- 65°  
Resolution (Maximum): 0.077 mm / 3 mils  
Reading Indicators: Beeper (adjustable tone); three green lights (3GL) good read feedback: 'green spot' on the code, dual good read LEDs

## DECODING CAPABILITY

1D/Linear Codes: Auto discriminates all standard 1D codes including GS1 DataBar™ linear codes.

## DEPTH OF FIELD

Minimum distance determined by symbol length and scan angle. Printing resolution, contrast, and ambient light dependent.

Code 39: 5 mils: 2.0 to 14.6 in (5.0 to 37 cm)  
Code 39: 7.5 mils: 2.0 to 21.3 in (5.0 to 54 cm)  
Code 39: 10 mils: 2.0 to 28.9 in (5.0 to 73.5 cm)  
Code 39: 20 mils: 1 to 57.9 in (2.5 to 147 cm)  
EAN/UPC: 13 mils: 1.4 to 35.4 in (3.5 to 90 cm)

## PHYSICAL CHARACTERISTICS

Scanner Dimension: 6.5 x 2.7 x 4.3 in (16.6 x 6.8 x 10.9 cm)  
Scanner Weight: 5.75 oz (163.0 g) (scanner only)  
Color: Black/yellow  
Trigger: Scan button

## ELECTRICAL

Input Voltage: 5 VDC +/- 5%  
Operating (Typical): <350 mA @ 5V; <150 mA @ 12V  
Standby/Idle (Typical): <60 mA @ 5V; <30 mA @ 12V

## CONNECTIVITY

Interface: USB type A (USB only)

## USER ENVIRONMENT

Operating Temperature: 32 to 122 °F (0 to 50 °C)  
Storage/Transport Temperature: -40 to 158 °F (-40 to 70 °C)  
Humidity (Non-condensing): 0%~95%  
Drop Durability: Withstands repeated drops from 6.0 ft (1.8 m) onto a concrete surface.  
Sealing: IP52  
Ambient Light: 0 - 130,000 lux

## REGULATORY

Agency Approvals: The product meets necessary safety and regulatory approvals for its intended use.  
The Quick Reference Guide for this product can be referred to for a complete list of certifications.  
Environmental Compliance: Complies to China RoHS; complies to EU RoHS  
LED Classification: Exempt group according to IEC 62471

## ACCESSORIES

WaspProtect Extended Service Plan WDI9600 48 Hr 2-Yr (SKU 633809009211)  
Wasp WDI4700, WDI9600 Scanner Smart Stand (SKU 633809007231)  
Battery Pack, Removable, RBP-9001, Black (SKU 633809008771)



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