



**wasp**  
BARCODE TECHNOLOGIES



**WWS560** | Wireless 2D Scanner

## Long Range Scanner Designed for Accurate, Repetitive Applications



### Key Features

- Read 2D barcodes up to 12" away
- Integrated, rechargeable lithium-ion battery
- Wireless connectivity allows for up to 30' line of sight from a mobile device and 160' from a PC
- Lightweight and durable ABS plastic housing
- Withstands multiple 5' drops to concrete
- Android and iOS compatible

# WWS560 | Wireless 2D Scanner

## OPTIC & PERFORMANCE

Connection type: Supports Class 1 HID and SPP  
Light source: 635  $\pm$ 10% nm visible red LED  
Object/image path: 135 mm  $\pm$  5 mm  
Resolution: 5 mil  
Optical sensor: 2048 pixel  
Depth of field: 2" to 12" (5.08 mm to 30.48 mm)  
Width of field: 4.7" (11.94 cm)  
Scan rate: 230 scans/sec

## ELECTRICAL CHARACTERISTICS

Operating voltage: 3.4 VDC  
Current consumption: Idle 40 mA, Operating 160 mA  
Battery type: Lithium-ion (700 mA)  
Working hours: 5.5 hours at 12 scans/min (3,960 scans)

## MECHANICAL CHARACTERISTICS

Dimensions: 6.3" H x 2.4" L x 4.2" W (16 cm H x 6.1 cm L x 10.7 cm W)  
Net weight: 5.6 oz (160 g)

## ENVIRONMENT CHARACTERISTICS

Operating temperature: 41°F to 104°F (5°C to 40°C)  
Storage temperature: 14°F to 140°F (-10°C to 60°C)  
Relative humidity: 10% to 95% (non-condensing)  
Mechanical shock: Withstands repeated 5 ft. (1.5 m) drops to concrete

## SAFETY CERTIFICATION

Conforms FCC Class B and CE requirements

## SYMBOLOGIES READ

2D: QR Code, Micro QR, Data Matrix, Aztec Code, MaxiCode, PDF417, MicroPDF417, GS1 Composite Codes  
1D: Codabar, Code 3 of 9 (Code 39), Code 3 of 9 Full ASCII, Code 11, Code 32, Code 93, Code 128  
(including UCC/EAN 128), EAN/JAN-8 (plus supplements), EAN/JAN-13 (plus supplements), Industrial 2 of 5 (25), Interleaved 2 of 5, ISBN, Matrix 25, MSI Plessey, UPC-A (plus supplements), UPC-E (plus supplements), China Post Code, RSS14, Telepen

## PART NUMBERS

Wasp WLR8900/WDI4100/WWS550/WWS560 Series Stand: 633808181024  
Wasp WWS500/WWS550I/WWS560 Charging Base: 633808920463  
Wasp WWS550/WWS560/WWS800 Series USB Wireless Adapter: 633808920067  
Replacement Power Supply for WWS500/WWS550I/WWS560/WWS800: 633808920449  
WaspProtect 2-Year Extended Warranty for WWS550/WWS560 Barcode Scanner: 633808600044  
WaspProtect 1-Year Renewal for WWS550/WWS560 Barcode Scanner: 633808600365



### Wasp North America

3001 Summit Avenue  
Suite 400

Plano, TX 75074

1-866-547-9277

[www.waspbarcode.com](http://www.waspbarcode.com)

### Wasp Europe

Dunstable Road

Redbourn, St Albans

AL3 7PR, UK

0845-430-1971

[www.waspbarcode.co.uk](http://www.waspbarcode.co.uk)

### Wasp International

+1 214-547-4100