

# WWS450

2D CORDLESS SCANNER



*Productivity Solutions for Small Businesses*

The Wasp WWS450 2D barcode scanner offers fast, efficient barcode scanning. Accurately read 1D and 2D barcodes with the WWS450 aggressive digital imager scan engine.

Simply plug the USB adapter (or optional PS2, RS232) into a PC to rapidly scan barcodes up to 160 feet away from the communication stand using wireless connectivity. Pair the WWS450 with an Android™ or iOS® device, including iPhone®, iPad®, or iPod®, to monitor operations in the field from up to 30' away from the smartphone or tablet device. Barcode data is instantly added to a spreadsheet, document, or database, without time consuming manual data entries or inaccuracies. Use the added buffer memory to hold up to 256 out of range scans.

The WWS450's ergonomic design allows for multiple 4-foot drops to concrete and is ideal for retailers, post offices, banks, and utility companies. The WWS450 kit comes complete with barcode scanner, and an adjustable desk or wall mountable communications/recharging base capable of supporting the wireless operation of up to 7 scanners.

## ■ WASP WWS450 FEATURES

- ▶ Read 1D barcodes up to 20" away and 2D barcodes up to 12" away
- ▶ Ideal for use in office, retail, shipping & receiving, government, education, and industrial use
- ▶ Withstands multiple 4' drops to concrete
- ▶ Compatible with Android and iOS devices
- ▶ Connect wirelessly up to 160' (light of sight) from a PC and 30' from a mobile device
- ▶ Holds up to 256 scans in buffer memory should scanner be out of range
- ▶ Support up to 7 scanners per base station

## ■ BENEFITS

- ▶ High speed, low power consumption eliminates the need to rescan
- ▶ Ergonomic design ensures comfortable use
- ▶ Durable construction eliminates down-time due to breakage
- ▶ Eliminate time-consuming manual data entry

## ■ WASP WWS450 COMMON USES

- ▶ Office
- ▶ Shipping & receiving
- ▶ Education
- ▶ Retail
- ▶ Government
- ▶ Industrial

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## ■ SPECIFICATIONS

### OPTICAL FEATURES

Light source: 625 nm  
 Optical sensor: 752 x 480 pixels  
 Resolution: 1D 3 mil, 2D 5 mil  
 Depth of field: 0.8" to 22.4" (2.1 cm to 56.9 cm)  
 Scan rate: 1D 100 scans/sec, 2D 60 frames/sec

### ELECTRICAL CHARACTERISTICS

Operating voltage: +5 V ±10%  
 Current consumption: Idle 35 mA, Operating 230 mA  
 Working hours: 16 hours (based on 1 scan/5 sec)

### MECHANICAL CHARACTERISTICS

Dimensions: 6.0" H x 2.4" L x 3.7" W (15.3 cm H x 6.1 cm L x 9.3 cm W)  
 Net weight: 6.5 oz (184 g)

### ENVIRONMENT CHARACTERISTICS

Operating temperature: 32°F to 122°F (0°C to 50°C)  
 Storage temperature: -4°F to 140°F (-20°C to 60°C)  
 Relative humidity: 5% to 95% (non-condensing)  
 Mechanical shock: Withstands repeated 4 ft. (1.2 m) drops to concrete  
 Ingress protection: IP30  
 Electrostatic discharge: ±8 kV contact ±15 kV air

### SAFETY CERTIFICATION

BSMI, CE, C-trick, FCC, IC, NCC, KC, SRMC, TELEC

### 1D (LINEAR) SYMBOLOGIES READ

Codabar, Code 39, Code 93, Code 128, GS1 DataBar (RSS), Industrial 2 of 5, Interleave 2 of 5, ISBT-128, Italian, Matrix 2 of 5, MSI, UPC-A, UPC-E, EAN-8, EAN-13, GS1-128 (EAN-128)

### 2D SYMBOLOGIES READ

PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode

### POSTAL CODES READ

US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)

### PART NUMBERS

WWS450 2D Barcode Scanner with USB Base: 633808121471  
 WaspProtect 2-Year Extended Warranty for WWS450/WWS450H Barcode Scanner: 633808391294  
 WaspProtect 1-Year Renewal for WWS450/WWS450H Barcode Scanner: 633808600419