

# 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 49 meters 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 9 meters 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 1.2 meter drops to concrete and is ideal for retailers, post offices, banks, and utility companies. With the included base station, charge the WWS450 from your desktop or easily mount to the wall for added convenience.

## ■ WASP WWS450 FEATURES

- ▶ Read 1D barcodes up to 51 cm away and 2D barcodes up to 31 cm away
- ▶ Ideal for use in office, retail, shipping & receiving, government, education, and industrial use
- ▶ Withstands multiple 1.2 meter drops to concrete
- ▶ Compatible with Android and iOS devices
- ▶ Connect wirelessly up to 49 meters (light of sight) from a PC and 9 meters 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 SERIES COMMON USES

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

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## SPECIFICATIONS

OPTICAL FEATURES	Light source: 625 nm
	Optical sensor: 752 x 480 pixels
	Resolution: 1D 3mil, 2D 5mil
	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 $\pm$ 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: I30
	Electrostatic discharge: $\pm$ 8 kV contact $\pm$ 15 kV air
1D (LINEAR) SYMBOLOGIES READ	EMC regulation: BSMI, CE, C-trick, FCC, IC, NCC, KC, SRMC, TELEC
	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	Wasp WWS450 2D Barcode Scanner with USB Base: 633808524555