

# WWS550i

CORDLESS SCANNER



*Productivity Solutions for Small Businesses*

The Wasp WWS550i Freedom barcode scanner is a lightweight, easy to use cordless scanner, ideal for retailers, light warehouse and distribution centers, office, pharmaceutical, healthcare, and mobile environments. The WWS550i makes it easy to monitor operations in the field on a smartphone or tablet device.

Simply pair the WWS550i to an Android™, iOS® device, or PC and the WWS550i is ready to scan 1D barcodes without the hassle of a cord. Wireless connectivity allows for up to 30' line of sight from an Android or iOS device and up to 160' line of sight from a PC. The WWS550i features a CCD LR scan engine, for accurate data retrieval, and a scan distance of up to 12" away from the barcode. With an integrated, rechargeable battery, the WWS550i can handle over 3,960 continuous scans on a single charge. Easily know when the WWS550i is out of range or when the unit is operating on less than optimal battery power with the built-in, automatic warning sensors.

Quickly and easily integrate Android and iOS devices, including the iPhone®, iPod®, and iPad®, with the WWS550i barcode scanner. Combined with the user's specific application, the WWS550i works well for inventory tracking, asset management, and POS transactions – allowing for accurate, on-the-go data collection.

## ■ WASP WWS550I FEATURES

- ▶ Read 1D 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
- ▶ Compatible with Android and iOS devices (iPhone, iPod, iPad)

## ■ WASP WWS550I COMMON USES:

- ▶ Retail checkout
- ▶ Shipping & receiving
- ▶ Document scanning
- ▶ Pharmacy & healthcare
- ▶ Libraries & tool rooms
- ▶ Warehouse management

## ■ BENEFITS

- ▶ Increased accuracy and efficiency of data input compared to manual data entry processes
- ▶ Instantly add barcode data to a spreadsheet, Word document, or database
- ▶ Scan 1D barcodes with the linear CCD LR scan engine
- ▶ Wireless functionality eliminates cords, creating a more efficient environment
- ▶ Lightweight, ergonomic design enables extended use
- ▶ Autosense mode allows for hands-free scanning (stand optional)

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## SPECIFICATIONS

### OPTICAL FEATURES

Connection type: Supports Class 1 HID and SPP  
 Light source: 635 ±10% nm visible red LED  
 Object/image path: 135 mm ± 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 CHARACTERISTICS

Conforms FCC Class B and CE requirements

### 1D (LINEAR) SYMBOLOGIES READ

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

WWS550i Freedom Cordless Barcode Scanner: 633808920623  
 WWS550i Barcode Scanner Stand: 633808181024  
 WWS550i Charging Base: 633808920463  
 WWS550i USB Wireless Adapter: 633808920067  
 WWS550i AC Power Supply: 633808920449  
 WaspProtect 2-Year Extended Warranty for WWS550i Barcode Scanner: 633808600044  
 WaspProtect 1-Year Renewal for WWS550i Barcode Scanner: 633808600365