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
- Document scanning
- Libraries & tool rooms
- Shipping & receiving
- Pharmacy & healthcare
- 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)
## WWS550i
### Cordless Scanner

### 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)
- **Operating 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) Symboologies Read

#### 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

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