

# WWS100i

CORDLESS POCKET BARCODE SCANNER



Productivity Solutions for Small Businesses

The Wasp WWS100i barcode scanner is a small, sleek, cordless scanner that provides an error-proof way to streamline and simplify business processes. Built to fit in the palm of your hand, the lightweight, pocket-sized form factor combined with wireless connectivity makes the WWS100i an ideal general purpose barcode scanning solution for the mobile workforce. The cordless scanner allows you to accurately collect data on-the-go by integrating with smartphones and tablet devices.

The WWS100i's CCD scan engine scans all popular linear (1D) barcodes from near contact up to 14 cm away. Simply scan the barcode and transmit your data in real-time via wireless connectivity to an Android™ or iOS® device up to 10 m line of sight. The WWS100i can easily read poorly printed or damaged barcodes with a Print Contrast Ratio (PCR) as low as 30%.

Durably designed with ABS plastic housing, the WWS100i can withstand multiple 1.5 m drops to concrete – easily eliminating costly downtime. With a rechargeable lithium-ion battery, the pocket-sized scanner can handle up to 5,000 scans on a single charge and has a working life of 8 hours (1 scan/5 seconds). Easily know power status, wireless connectivity, and if your barcode was detected using the WWS100i's LED and beep tone indicators.

## ■ WASP WWS100i FEATURES

- ▶ Scan 1D barcodes up to 14 cm away
- ▶ Read barcodes with a PCR as low as 30%
- ▶ Rechargeable lithium-ion battery reads 5,000 scans on a single charge
- ▶ Wireless connectivity allows for up to 10 m line of sight from a mobile device
- ▶ Withstands multiple 1.5 m drops to concrete
- ▶ Compatible with Android and iOS devices (iPhone®, iPod®, iPad®)

## ■ BENEFITS

- ▶ Accurately scan 1D barcodes while simplifying business processes
- ▶ CCD reads poorly printed or damaged barcodes
- ▶ Lightweight, pocket-sized form factor ensures easy portability
- ▶ Cordless design provides scanning mobility around the office
- ▶ Transmit data in real-time to a smartphone or tablet device
- ▶ Long battery life allows for extended use on a single charge

## ■ WASP WWS100i COMMON USES

- ▶ Retail
- ▶ Office use
- ▶ Healthcare
- ▶ Warehouse management
- ▶ Shipping & receiving
- ▶ Libraries and tool rooms

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## SPECIFICATIONS

### OPTICAL FEATURES

Light source: 625 nm visible red LED  
 Resolution: 5 mil  
 Print Contrast Ratio: 30%  
 Depth of field: Readable @ 5 mil (Code 39); 1.18" to 5.51" (30 to 140 mm) @ 13 mil (Code 39); 1.18" to 7.09" (30 to 180 mm) @ 20 mil (Code 39)  
 Scan rate: 240 scans/sec

### ELECTRICAL CHARACTERISTICS

Operating voltage: 3.7 VDC ± 5%  
 Working current consumption: <150 mA  
 Idle current consumption: <60 mA  
 Battery type: Li-ion  
 Battery Duration: 5,000 reads/charge

### MECHANICAL CHARACTERISTICS

Dimensions: 0.71" H x 2.6" L x 0.94" W (1.8 cm H x 6.5 cm L x 2.4 cm W)  
 Net weight: 0.87 oz (24.6 g)  
 Charging cable: 6" in length

### 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: 20% to 85% (non-condensing)  
 Mechanical shock: Withstands repeated 5 ft. (1.5 m) drops to concrete  
 Conforms FCC Class B and CE requirements

### 1D (LINEAR) SYMBOLOGIES READ

UPC-A/UPC-E, EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 2 of 5, Code 11, Code 93, Code 32, Code 128, Standard Code 39, Full ASCII Code 39, Interleaved 2 of 5, China Postal Code, MSI Plessey Code, UK Plessey Code, EAN/UCC 128, Telepen Code, IATA Code

### PART NUMBERS

Wasp WWS100i Cordless Pocket Barcode Scanner with USB Cable: 633808525064  
 Wasp WWS100i USB Cable: 633808920708  
 Wasp WWS100i Hand Strap: 633808920715