

# CS3000 SERIES COMPANION SCANNER



ZEBRA

## ENABLE ANYWHERE ANYTIME COST-EFFECTIVE MOBILE 1D LASER SCANNING.

The innovative Zebra CS3000 Series enables enterprises to easily implement 1D laser scanning where either mobility or the cost and size of a traditional scanning device is an inhibitor. The tiny device is affordably priced and fits in a pocket or on a lanyard. The CS3000 can be utilized in standalone mode for the batch scanning of bar codes, while the CS3070 offers batch mode as well as real-time bar code data transmission to a host application via a wireless Bluetooth® connection to smartphones, laptops and more. Managing the data in batch mode is easy. Once connected to a host, the batch data can be configured for automatic transfer to an application. Since captured scans are placed in a user-definable standard ASCII file type, the information can be easily utilized to populate order forms, spreadsheets and inventory lists. The result is a new level of affordability for 1D scanning — and the ability to streamline, error proof and simplify more business processes.



### Zebra Signature Ergonomics Ensure User Comfort and Ease of Use

The easy to use CS3000 Series requires virtually no training to operate. The highly intuitive simple 2-button interface makes scanning easy. In addition, grooves that guide hand and fingers into the most comfortable scanning position combine with soft rubber trigger buttons to bring comfort to the most scan intensive tasks.

### Enterprise Class Capacity, Reliability and Total Cost of Ownership (TCO)

The large memory capacity allows workers to capture over a million bar codes, providing ample support for the largest batch operations. The non-volatile memory ensures that batch data is retained. Built-in business durability provides a low TCO. A 4 ft./1.2 m drop specification and the ability to survive 500 1.64 ft./0.5 m consecutive tumbles combine to ensure dependable operation. And a 24-hour batch/12-hour Bluetooth mode battery cycle time insures well over single shift scanning performance on a charge.

### Best-in-class high performance scanning

The integrated SE955 scan engine delivers Zebra's world-renowned scanning quality and reliability. The wide working range provides extraordinary application flexibility, allowing users to capture bar codes from near contact to as far as 45 in./114.3 cm away, in virtually any lighting condition. Aggressive performance enables the capture

## FEATURES

### Flexible mobile 1D laser scanner

A mobile bar code scanner with two modes of operation: batch for uploading data to a host at a later time or real-time capture and transmission to a host application via a wireless Bluetooth connection to smartphones, PDAs and laptops

### Long battery life

A 24-hour batch/12-hour Bluetooth mode battery life insures well over single shift scanning performance on a charge

### Simple two button design

Easy to hold and use — almost no training required

### Small and lightweight

Fits in a pocket or on a neck lanyard and weighs only 2.45 oz./70 gm

### Easy to integrate with a host device

Batch USB connectivity or wireless Bluetooth enables compatibility with virtually any host device

### 512 MB non-volatile memory

Provides the capacity to store over a million scans and ensures the data is retained — ideal for virtually any batch operation

### Superior scanning performance

Easy and intuitive to use — just point, click and scan; enables easy capture of even dirty, damaged and poor quality bar codes

### Enterprise durability: 4 ft./1.2 m drop specification; 250 tumbles (500 drops) @ 1.64 ft./0.5 m

Ensures reliable operation despite the inevitable drops and bumps in real world use

## SUPER SCANNING PERFORMANCE

FOR MORE INFORMATION, VISIT [WWW.ZEBRA.COM/CS3000](http://WWW.ZEBRA.COM/CS3000) OR ACCESS OUR CONTACT DIRECTORY AT [WWW.ZEBRA.COM/CONTACT](http://WWW.ZEBRA.COM/CONTACT)

# CS3000 Series Specifications

## PHYSICAL CHARACTERISTICS

|                        |  |
|------------------------|--|
| <b>Dimensions</b>      | 3.41 in. L x 1.95 in. W x .87 in. H 8.65 cm L x 4.95 cm W x 2.2 cm H     |
| <b>Weight</b>          | With batteries: 2.45 oz./70 gm   |
| <b>Scan Engine</b>     | SE955 laser, single line   |
| <b>Memory</b>          | 512MB Flash  |
| <b>Memory Capacity</b> | Over 1 million barcodes (UPC with time date stamp)                       |
| <b>LEDs</b>            | Scan LED (Green, Red, and Amber) and Bluetooth® LED (Blue)               |
| <b>Buttons</b>         | Scan, remove scan (batch mode only), enable Bluetooth (RF scanners only) |

## USER ENVIRONMENT

|                                   |  |
|-----------------------------------|--|
| <b>Drop Specs</b>                 | 4 ft./1.21 m drop to tiled linoleum over concrete, 6 drops per 6 sides, across the operating temperature range   |
| <b>Tumble Specs</b>               | 250 cycles @ 1.64 ft./0.5 m (500 drops)  |
| <b>Operating Temperature</b>      | 32° to 104° F / 0° to 40° C  |
| <b>Storage Temperature</b>        | -40° to 158° F / -40° to 70° C   |
| <b>Humidity</b>                   | 10 to 95% noncondensing  |
| <b>Ambient Lighting Tolerance</b> | Tolerant to typical artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, Incandescent, Mercury Vapor, Sodium Vapor, LED(l): 450 Ft Candles (4,844 Lux) Sunlight: 8000 Ft Candles (86,111 Lux) |

## DECODE RANGE

|                  |  |
|------------------|--|
| <b>4 mil:</b>    | 0.90 – 4.90 in. / 2.3 – 12.4 cm                              |
| <b>5 mil:</b>    | 1.20 – 7.40 in. / 3.0 – 18.8 cm                              |
| <b>7.5 mil:</b>  | 1.60 – 12.40 in. / 4.1 – 31.5 cm                             |
| <b>10 mil:</b>   | 1.60 – 17.40 in. / 4.1 – 44.2 cm                             |
| <b>100% UPC:</b> | 1.60 – 23.40 in. / 4.1 – 59.4 cm                             |
| <b>15 mil:</b>   | 1.60 – 24.40 in. / 4.1 – 62.0 cm                             |
| <b>20 mil:</b>   | 1.90 – 25.40 in. / 4.8 – 64.5 cm                             |
| <b>40 mil:</b>   | *- 27.40 in. / *- 69.6 cm                                    |
| <b>55 mil:</b>   | *- 31.40 in. / *- 79.8 cm                                    |
|                  | *Minimum distance determined by symbol length and scan angle |

## PERFORMANCE CHARACTERISTICS

|                             |  |
|-----------------------------|--|
| <b>Decode Capability</b>    | 1D symbologies   |
| <b>Interfaces Supported</b> | USB (Mini jack): CS3000 and CS3070 Bluetooth: CS3070                                     |
| <b>Real Time Clock</b>      | A date/time stamp can be recorded with each bar code scanned (Batch mode operation only) |
| <b>Batch Communication</b>  | USB 2.0  |

## BLUETOOTH

|                           |  |
|---------------------------|--|
| <b>Bluetooth Radio</b>    | Bluetooth, Class 2, Version 2.1 + Enhanced Data Rate (EDR) |
| <b>Bluetooth Range</b>    | 30 ft./10 m  |
| <b>Bluetooth Profiles</b> | HID keyboard wedge and Serial Port Profile (SPP)           |

## OPERATING MODES

|                       |   |
|-----------------------|---|
| <b>Batch</b>          | Scans recorded with optional time/ date stamp |
| <b>Open Bluetooth</b> | Real time wireless data transmission          |

## REGULATORY

|                          |   |
|--------------------------|---|
| <b>Laser Safety</b>      | EN 60825-1, IEC 60825-1, 21CFR1040.10   |
| <b>EMC</b>               | CS3000: FCC Part 15 Class B, ICES 003 Class B, EN 55022, EN 55024 CS3070: FCC Part 15 Class B, ICES 003 Class B, EN 55022, EN 55024, EN 301 489-1, EN 301 489 -17 |
| <b>Radio</b>             | CS3070: EN 300 328  |
| <b>Electrical Safety</b> | UL 60950-1, C22.2 No. 60950-1, EN 60950-1, IEC 60950-1  |
| <b>Environmental</b>     | RoHS Directive 2002/95/EEC  |

## BATTERY

|                          |  |
|--------------------------|--|
| <b>Battery</b>           | 780 mAh Lithium ion  |
| <b>Change Time</b>       | 3 hours  |
| <b>Battery Life</b>      | Batch - 24 hours use or 8,500 scans (6 scans per minute on full charge) Standby - 3 months Bluetooth - 12 hours use or 4,250 scans (6 scans per minute on full charge) |
| <b>Power Consumption</b> | 5V, 500mA max while charging   |

## SERVICES

|   |
|---|
| Service from the Start Advance Exchange Support |
|---|

## WARRANTY

|   |
|---|
| Warranted against defects in workmanship and materials for a period of twelve (12) months |
| 1 - LED lighting with high AC ripple content can impact scanning performance              |

## Ideal For These Applications:

### Supply Chain

- Proof of Delivery (PoD)
- Customer Managed Inventory (CMI)

### Retail

- Inventory
- Gift Registry

### Facilities Management

- Inspections
- Asset Tracking Field Sales Merchandising
- Account Management
- Delivery



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