PRODUCT SPEC SHEET
ZEBRA CS3000 SERIES

ZEBRA CS3000 SERIES

1-D LASER SCANNING DEVICE

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

The innovative Zebra CS3000 Series enables enterprises to easily implement 1-D 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 1-D 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 of even damaged and poor quality bar codes. And a time stamp can be automatically appended to each batch scan, providing additional business intelligence.

AUTOMATE YOUR WORKFLOW WITH TWO FLEXIBLE OPERATIONAL MODES — BATCH AND REAL TIME

In batch mode, this pocket friendly device allows guards and custodial staff to scan bar codes on entry doors and other locations, and upload the time and date stamped data at the end of a shift to document the accurate completion of activities. Outside the enterprise, manufacturers and distributors can provide customers with a CS3000 to scan inventory as it is used, effectively automating the ordering process at the point of consumption.
In real-time mode, the Bluetooth enabled CS3070 can be paired with virtually any existing smartphone, allowing route drivers to easily scan the items in a delivery or on the store shelves to help automate and error proof the delivery and ordering process.

ZEBRA

FEATURES

Flexible mobile 1-D 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

For more information on how you can put the CS3000 Series to work in your organization, please visit us on the web at www.zebra.com/cs3000 or access our global contact directory at www.zebra.com/contact

SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS

Dimensions	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
Weight	With batteries: 2.45 oz./70 gm
Scan Engine	SE955 laser, single line
Memory	512MB Flash
Memory Capacity	Over 1 million barcodes (UPC with time date stamp)
LEDs	Scan LED (Green, Red, and Amber) and Bluetooth® LED (Blue)
Buttons	Scan, remove scan (batch mode only), enable Bluetooth (RF scanners only)

OPERATING MODES

Batch	Scans recorded with optional time/date stamp
Open Bluetooth	Real time wireless data transmission

BATTERY

Battery	780 mAh Lithium ion
Charge Time	3 hours
Battery Life	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)
Power Consumption	5V, 500mA max while charging

PERFORMANCE CHARACTERISTICS

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

USER ENVIRONMENT

Drop Specification	4 ft./1.21 m drop to tiled linoleum over concrete, 6 drops per 6 sides, across the operating temperature range
Tumble Specification	250 cycles @ 1.64 ft./0.5 m (500 drops)
Operating Temperature	32° to 104° F /0° to 40° C
Storage Temperature	-40° to 158° F /-40° to 70°C
Humidity	10 to 95% noncondensing
Ambient Lighting Tolerance	Tolerant to typical artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, Incandescent, Mercury Vapor, Sodium Vapor, LED[1]: 450 Ft Candles (4,844 Lux) Sunlight: 8000 Ft Candles (86,111 Lux)

REGULATORY

Laser Safety	EN 60825-1, IEC 60825-1, 21CFR1040.10
EMC	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
Radio	CS3070: EN 300 328
Electrical Safety	UL 60950-1, C22.2 No. 60950-1, EN 60950-1, IEC 60950-1
Environmental	RoHS Directive 2002/95/EEC

WARRANTY

Warranted against defects in workmanship and materials for a period of twelve (12) months

DECODE RANGE

4 mil:	0.90 – 4.90 in. / 2.3 – 12.4 cm

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

APPLICATIONS

Supply Chain

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

Facilities Management

Inspections; Asset Tracking

Field Sales

Merchandising; Account Management; Delivery

Retail

Inventory; Gift Registry

Batch Communication	USB 2.0

BLUETOOTH

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

5 mil:	1.20 – 7.40 in. / 3.0 – 18.8 cm
7.5 mil:	1.60 – 12.40 in. / 4.1 - 31.5 cm
10 mil:	1.60 – 17.40 in. / 4.1 – 44.2 cm
100% UPC:	1.60 – 23.40 in. / 4.1 – 59.4 cm
15 mil:	1.60 – 24.40 in. / 4.1 – 62.0 cm
20 mil:	1.90 – 25.40 in. / 4.8 – 64.5 cm
40 mil:	*- 27.40 in. / * - 69.6 cm
55 mil:	*- 31.40 in. / * - 79.8 cm

***Minimum distance determined by symbol length and scan angle**

SERVICES

Service from the Start Advance Exchange Support

1 - LED lighting with high AC ripple content can impact scanning performance

Part number: SS-CS3000-A. Printed in USA 04/15.©2015 ZIH Corp. ZEBRA, the Zebra head graphic and Zebra Technologies logo are trademarks of ZIH Corp, registered in many jurisdictions worldwide. All rights reserved. All other trademarks are the property of their respective owners.