CS60 Series Companion Scanner

Ultra-versatile with a first-of-its-kind convertible design

Do you need a cordless scanner for inventory in the store aisles and a corded hands-free scanner at checkout? What if you didn't have to deploy different scanners for different tasks? Introducing the CS60 Series Companion Scanner, featuring a groundbreaking design that easily converts between corded and cordless operation, handheld and hands-free, as your needs change. As a cordless scanner, the CS60 is small enough to tuck in a pocket and offers the latest mobile technology including contactless charging. As a corded scanner, the CS60 offers compact scanning for the checkout counter, self-service kiosk and more. Whether you purchase a corded or cordless model up front, you can change modes at any time for superior investment protection. And you get Zebra's industry-leading scanning performance and our unique DataCapture DNA industry-preferred management tools that make it easier than ever to integrate, deploy and manage your scanners.

Adapts to Any Workflow

First-Of-Its-Kind Convertible Design
Do you need a cordless companion scanner paired to a cradle or mobile device, a corded handheld or a hands-free presentation scanner connected to a checkout stand? With the CS60, you don't have to choose. Simply swap the battery and corded USB converter at any time to change between corded and cordless scanning. Add the optional presentation stand to a corded scanner to automatically switch between hands-free and handheld modes. This unparalleled versatility minimizes investment risk as it's easy to meet new workflow needs or redeploy CS60 scanners to a different application.

Proven Scanning Performance You Can Trust
A high-resolution megapixel sensor and Zebra's exclusive PRZM Intelligent Imaging technology provide unparalleled performance on the most challenging barcodes—including poorly printed, damaged, dirty, crinkled, low-contrast, glossy, and electronic barcodes on dimly lit mobile phone displays. When you choose the CS60, you get Zebra's world-renowned quality and reliability.

Effortless Multi-Tasking with a Second Programmable Button
Your workers may be scanning at the point of sale one minute, then taking inventory the next. That's why the CS60 has a second programmable button that can be used to instantly toggle between two host applications. With a quick press of the button, workers can send data to the right application in the proper format and order.

Easy to Clean Seamless Construction
With its monocoque design, inductive sensing touch buttons and contactless charging, the scanner has a crevice-free surface that's easy to clean and keep clean shift after shift.

Durable for All-Day, Every-Day Use
Drop it on the floor. Spill water on it. Use it in a dusty backroom or out on the receiving dock. With best-in-class IP65 sealing and a 6 ft./1.8 m drop specification, the CS60 is engineered for durability and uptime.

Cutting-Edge Mobility

Qi Inductive Charging
Support for inductive charging on the CS60 eliminates the need for battery contact cleaning and maintenance.[1] While you get the fastest charging times with Zebra's inductive charging solution, you're free to use any off-the-shelf Qi wireless charging pad to charge the CS60.

Split-Second NFC Tap-to-Pair
Pair the CS60 with any NFC-enabled device with a quick tap. Even new workers are up and running in seconds, without needing support.

Pocketable and Wearable—for When Mobility is Essential
The cordless CS60 is designed to fit naturally in the hand or be tucked in a pocket. Pair the CS60 with the optional lanyard and silicone protector to safely and comfortably wear the scanner all shift long.

Full-Shift Power and Beyond
The fully charged battery delivers 18 hours of power—more than enough for your longest shifts. Batteries can be easily replaced without special tools. And a dedicated battery gauge makes it easy to see at a glance when it's time to change or charge a battery.

Keep Spare Batteries on Hand with Versatile Charging Options
Multiple charging options make it easy to keep your scanners and spare batteries charged for around-the-clock operation. Four-slot device and four-slot battery chargers are compatible with Zebra's ShareCradle charging system for easy backroom management. And single-slot scanner and battery chargers are ideal on any desk.

Extended 330 ft./100 m Range
The CS60 is a certified BT 5.0 device. With Class 1 Bluetooth®, users can roam up to 330 ft./100 m from the host device.

Eliminate Bluetooth Interference with Wi-Fi Friendly Mode
Ensure that your cordless CS60 scanners only operate on channels that are not shared with your Wi-Fi network.

Prevent Downtime with Anti-Loss Tools
With Zebra's Virtual Tether, both the cradle and scanner will alert users when a device is taken out of range or left out of the cradle for an extended period of time. As a result, you won't have to worry about a customer accidentally leaving self-checkout with a cordless scanner in their cart or an associate misplacing a scanner in the backroom. And if a CS60 is lost, simply press the cradle's paging button to locate it.

Easy to Configure and Manage

Easily Capture Label Data for Better Inventory Management
With Label Parse+, the CS60 Series can instantly capture and parse GS1 label barcode data on items, enabling easy data capture, including expiration dates and lot number/manufacturing location.

Switch Workflows in an Instant with AutoConfig
Zebra's AutoConfig cradle automatically configures the CS60 for your workflow. For example, you can take a CS60 from self-checkout and use it for a manned lane, customer service, inventory or receiving without having to change settings. Since scanner settings are stored in the cradle base, simply pair the scanner to a different base to automatically configure it for a new host application and use case.

Flexible Feedback Modes To Fit Your Environment
The CS60 supports a good decode LED, haptic feedback, a beep tone with adjustable tone/volume and Zebra's Direct Decode Indicator that projects illumination on the barcode. And both haptic and audible feedback are available on the trigger touch.

Simplify the Scanning Experience
With Multi-Code Data Formatting (MDF), the CS60 can scan multiple barcodes with a single trigger pull and transmit only the barcodes you need, in the order your application expects. And with Zebra's Preferred Symbol, the CS60 can capture and output only the preferred barcode, so workers no longer have to waste time physically covering nearby barcodes before scanning.

Up-to-the-Minute Insight Into Every Aspect of Your Scanners
The logging agent's Remote Diagnostics capabilities automate the recording of scanner asset information, health and statistics, configuration settings and barcode data—giving you the information needed for event verification, blockchain traceability, pilot site ROI generation, troubleshooting and predictive fleet-wide trend analysis.

Specifications

Physical Characteristics	
Dimensions	**Scanner** 0.9 in. H x 1.8 in. W x 4.3 in. D 2.3 cm H x 4.6 cm W x 10.9 cm D **Standard Cradle** 4.5 in. H x 3.1 in. W x 4.2 in. D 11.3 cm H x 7.8 cm W x 10.7 cm D
Weight	**Corded CS60:** 2.0 oz./56.0 g **Cordless CS60:** 2.9 oz./83.0 g **Standard Cradle:** 4.9 oz./138.0 g
Input Voltage Range	**Scanner and standard cradle:** 4.5 to 5.5 VDC Host Powered; 4.5 to 5.5 VDC External Power Supply
Current	Operating current at nominal voltage (5.0V): 400 mA (typical) Standby current (idle) at nominal voltage (5.0V): 90 mA (typical) Standard Cradle: 450 mA (typical) Standard USB; 600 mA (typical) BC 1.2 USB
Color	Midnight black
Supported Host Interfaces	USB Certified
Keyboard Support	Supports over 90 international keyboards
User Indicators	Direct Decode Indicator, Good Decode LEDs, beeper (adjustable tone and volume), haptic feedback on decode, capacitive trigger with haptic and audible feedback, dedicated battery gauge, dedicated Bluetooth LED
Performance Characteristics	
Motion Tolerance (handheld)	Up to 20 in./51 cm per second for 13 mil UPC in optimized mode
Light Source	Aiming Pattern: circular 525nm true green LED
Illumination	(1) warm white LED
Imager Field of View	45° H x 34° V nominal
Image Sensor	1280 x 960 pixels
Minimum Print Contrast	20% Minimum Reflective Distance
Skew Tolerance	+/- 60°
Pitch Tolerance	+/- 60°
Roll Tolerance	0° - 360°
Minimum Element Resolution	Code 39 - 5.0 mil
User Environment	
Operating Temp.	32° F to 122° F/0° C to 50° C
Storage Temp.	-40° F to 158° F/-40° C to 70° C
Humidity	5% to 95% RH, non-condensing
Drop Specification	Designed to withstand multiple drops at 6.0 ft./1.8 m to concrete
Tumble Specification	Designed to withstand 250 tumbles in 1.5 ft./0.5 m tumbler (1 tumble = 0.5 cycle)
Sealing	Scanner: IP65
Electrostatic Discharge (ESD)	Scanner and cradle: ESD per EN61000-4-2, +/-15 KV Air, +/-8 KV Direct, +/-8 KV Indirect
Ambient Light Immunity	0 to 10037 foot candles / 0 to 108,000 Lux

Radio Specifications	
Bluetooth Radio	Standard Bluetooth Version 5.0 with BLE: Class 1 330ft. (100m) and Class 2 33ft. (10m), Serial Port and HID Profiles
Adjustable Bluetooth Power	Output power adjustable down to negative 10 dBm in 8 steps
MFi	MFi Certified (specific configuration required)
Battery	
Battery Capacity/Type	745 mAh Lithium Polymer battery
Scans Per Battery Charge[2]	13,000 scans
Operating Time Per Full Charge[2]	18 hours
Battery Charge Time (from empty)	
Standard USB	Full charge: 6 hours
BC1.2 USB	Full charge: 3 hours
Regulatory	
Environmental	EN 50581:2012 EN IEC 63000:2018
Electrical Safety	IEC 62368-1 (Ed.2) EN 62368-1:2014/AC:2015
LED Safety	IEC 62471:2006 (Ed.1.0) EN 62471:2008 (LED)
EMI/RFI	EN 55032:2015/AC:2016 (Class B) EN 55035:2017 EN 61000-3-2:2014 (Class A) EN 61000-3-3:2013 47 CFR Part 15, Subpart B, Class B
Accessories	
Cordless Accessories	Standard cradle, spare battery, 4-slot scanner ShareCradle, 4-slot battery ShareCradle, lanyard
Corded Accessories	Gooseneck Intellistand (weighted and standard), cup, corded USB converter
Symbol Decode Capability	
1D	Base 32 (Italian Pharma), Codabar/NW7, Code 11, Code 39, Code 93, Code 128, GS1 DataBar, I 2 of 5, Korean 3 of 5, MSI Plessey, UPC/EAN
2D	Aztec, Composite Codes, DataMatrix, Dotted DataMatrix, Dotcode, Han Xin, MaxiCode, PDF417, Micro PDF417, Postal Codes, QR Code, Micro QR, TLC-39, SecurPharm
OCR	OCR-A, OCR-B, MICR, US Currency
Refer to Product Reference Guide for complete list of symbologies.	

Decode Ranges (Typical)[3]	
Symbology/Resolution	**Near/Far**
Code 39: 5 mil	2.4 in./6.1 cm to 9.5 in./24.1 cm
Code 39: 20 mil	2.5 in./6.4 cm to 26.0 in./66.0 cm
Code 128: 5 mil	2.8 in./7.1 cm to 9.0 in./22.9 cm
PDF 417: 6.7 mil	2.4 in./6.1 cm to 8.0 in./20.3 cm
UPC: 13 mil (100%)	1.8 in./4.6 cm to 19.5 in./49.5 cm
Data Matrix: 10 mil	2.9 in./7.4 cm to 8.0 in./20.3 cm
QR: 20 mil	1.2 in./3.0 cm to 14 in./35.6 cm

Markets and Applications

Retail
- Mobile point of sale
- Inventory management
- Cycle counting
- Merchandising
- Repairs

Hospitality
- Concession stands
- Ticket processing
- Point of sale

Transportation and Logistics
- Route accounting

Light Manufacturing
- Shipping labels
- Asset tracking

Environmental Compliance

Environment

- RoHS Directive 2011/65/EU; Amendment 2015/863
- REACH SVHC 1907/2006

For a complete list of product and materials compliance, please visit www.zebra.com/environment

Warranty

Subject to the terms of Zebra's hardware warranty statement, the CS6080 scanner and CR6080 cradle are warranted against defects in workmanship and materials for a period of Three Years from the date of shipment. Complete Zebra hardware product warranty statement: www.zebra.com/warranty

Recommended Services

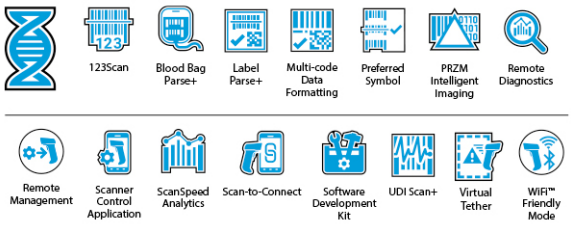
Zebra OneCare Essential and Select: Maximize Zebra device availability, device value and operational efficiency with these fully-featured support services that set the industry bar for support.

Footnotes

1. Contactless inductive charging is supported when a battery is inserted in the CS60. Spare batteries and battery chargers have charging contacts and cannot be charged with a wireless charge pad.
2. Simulated checkout profile of 1 scan every 5 seconds
3. Printing resolution, contrast, and ambient light dependent

DataCapture DNA

DataCapture DNA is a suite of highly intelligent firmware, software, utilities and apps exclusively engineered to add functionality and simplify the deployment and management of Zebra scanners. For more information about DataCapture DNA and its applications, please visit www.zebra.com/datacapturedna



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