Lector CS4070HC

Especificaciones Técnicas

THE POCKET-SIZED WIRELESS ENTERPRISE-CLASS 1D/2D SCANNER FOR CARTS AND MORE

Barcode scanning at patient bedside is crucial in preventing deadly errors in medication administration and specimen collection. Now, you can put advanced barcode scanning in the pockets of every nurse and lab technician with the CS4070-HC. This little wireless enterprise class barcode scanner is designed for the mission critical world of the healthcare worker. Small enough to be easily carried at all times, it can be tucked in a pocket or worn on a lanyard. Superior scanning technology means your healthcare workers can dependably scan any electronic or printed 1-D or 2-D barcode in any condition in the time it takes to press the scan button, whenever and wherever required. Add its rugged disinfectant-ready design that prevents the spread of germs, full shift power, user-selectable scanning feedback and superior ergonomics, and the CS4070-HC is the ideal individual scanning companion for your healthcare workers. Improve patient safety and the patient experience in your facility with the CS4070-HC — only from Zebra.



PRZM Intelligent Imaging technology for next generation barcode scanning performance — only from Zebra
Delivers laser-style speed and accuracy for first-time every time split second capture of 1D and 2D printed barcodes in virtually any condition — even if they are dirty, scratched or poorly printed.

Scan virtually any barcode on any medium
Scans 1-D, 2-D and PDF417 barcodes displayed on a screen or printed on paper labels, as well as the tiny barcodes printed on individual medication doses and barcodes on curved, reflective surfaces, such as vials, syringes, IV bags, suppositories and patient wristbands.

Superior ergonomics
One of the smallest and lightest devices in its class, the CS4070-HC can be tucked in a pocket or worn around the neck on a lanyard. Grooves guide the hand to the most comfortable placement and provide a secure grip, and the placement of trigger buttons enables effortless scanning with any size hand.

Connect with one simple scan
Healthcare workers can connect the CS4070-HC to a workstation-on-wheels (WOW) or thin client by simply scanning a barcode on the CS4070-HC Bluetooth dongle accessory.

Withstands constant disinfecting
IP52 sealing and a specially designed disinfectant-ready plastic housing allow safe wipe-down with a wide variety of

harsh chemicals to help prevent the spread of germs.

Durable design — built to be dropped
Operates reliably after 5 ft./1.2 m drops and 500 consecutive " tumbles" from 1.64 ft./0.5 m

One million+ scans for superior value
Since healthcare workers need to scan frequently, the scan button is tested to handle over a million presses

Full-shift power — period
In the mission-critical world of healthcare, users count on full-shift operation. That's why the field replaceable battery can be easily changed on-the-go and is designed to last an entire busy 12-hour shift, with an LED indicator that alerts the user when a battery change is needed.

Day and night 'do-not-disturb' modes
Healthcare workers can choose to mix and match the decode feedback that is right for the moment: visual (green light/ red light), haptic (vibration) and an audible tone.

Point-and-shoot scanning simplicity
Barcode capture is easy. An extraordinarily wide working range combined with omnidirectional scanning eliminates the need to align scanner and barcode — no need to disturb a sleeping patient to capture the barcode on a wristband.

With Zebra One Care Services, your CS4070-HC scanners are covered
Our optional service plans keeps your CS4070-HC devices up, running and in like-new condition with coverage for accidental damage and everyday wear-and-tear for the device and select accessories that ship with the CS4070-HC. Simply put — if it's broken, we fix it. And this flexible service allows you to choose the repair turnaround time and support helpdesk hours that best fit your business needs.

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CS4070-HC Specifications

PHYSICAL CHARACTERISTICS	
Dimensions	4.39 in. L x 1.79 in. W x 1.02 in. H 11.15 cm L x 4.55 cm W x 2.6 cm H
Weight	With batteries: 3.28 oz./93.2 g
Scan Engine	SE4710 image engine
Memory	512 MB Flash
Memory Capacity	Over 1 million barcodes (UPC with time date stamp)
LEDs	Scan LED (Green, Red, and Amber) and Bluetooth® LED (Blue); Four LED battery status indicator
Buttons	Scan, remove scan (batch mode only), enable Bluetooth (RF scanners only), battery status; scan button tested to a million depressions, all other buttons tested to 250,000 depressions
OPERATING MODES	
Batch	Scans recorded with optional time/date stamp
Open Bluetooth	Real time wireless data transmission
BATTERY	
Battery	950 mAh Lithium ion
Charge Time	3 hours 40 minutes
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	1D and 2D symbologies
Interfaces Supported	USB (micro jack); Bluetooth
Real Time Clock	A date/time stamp can be recorded with each bar code scanned (batch mode operation only)
Batch Communication	USB 2.0
USER ENVIRONMENT	
Drop Specification	Multiple 5 ft./1.5 m drops to concrete
Tumble Specification	250 cycles @ 1.64 ft./0.5 m (500 drops)
Sealing	IP52, disinfectant ready
Operating Temperature	32° to 104° F/0° to 40° C
Storage Temperature	-40° to 158° F/-40° to 70°C
Humidity	10 to 95% non-condensing

USER ENVIRONMENT (CONTINUED)	
Ambient Lighting Tolerance	Tolerant to typical artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, Incandescent, Mercury Vapor, Sodium Vapor, LED1: 450 ft. candles (4,844 Lux) Sunlight: 8,000 ft. candles (86,111 Lux)
BLUETOOTH	
Bluetooth Radio	Bluetooth, Class 1/Class 2, Version 2.1 + Enhanced Data Rate (EDR)
Bluetooth Range	300 ft./100 m when configured for Class 1 or 30 ft./10 m when configured for Class 2
Bluetooth Profiles	HID keyboard wedge and Serial Port Profile (SPP) and Wireless SS I (proprietary)
ACCESSORIES	
CHS5000-1000CR Charge Cradle charges one scanner and one battery simultaneously; CHS5000-8000CR Charge Cradle charges up to eight scanners; SAC5000-8000CR Charge Cradle charges up to eight batteries; neck lanyard; wrist lanyard with neoprene case; belt clip reel with neoprene case	
REGULATORY	
Laser Safety	IEC62471:2006 (Ed.1.0); EN62471:2008 (LED)
EMC	FCC Part 15 Class B, ICES 003 Class B, EN 55022, EN 55024, EN 301 489-1, EN 301 489-17
Radio	EN 300 328
Electrical Safety	UL 60950-1, C22.2 No. 60950-1, EN 60950-1, IEC 60950-1
Environmental	EN50581
Warranty	
Warranted against defects in workmanship and materials for a period of: Scanner: thirty-six (36) months, Battery: one (1) month. For the complete Zebra hardware product warranty statement, go to: http://www.zebra.com/warranty	
DECODE RANGE	
4 mil Code 39	2.9 in./7.4 cm — 8.4 in./21.4 cm
5 mil Code 128	2.4 in./6.1 cm — 7.8 in./19.8 cm
5 mil 39	1.6 in./4.1 cm — 13.1 in./33.3 cm
5 mil PDF417	2.7 in./6.9 cm — 8.0 in./20.3 cm
10 mil Data Matrix	2.5 in./6.4 cm — 9.7 in./24.7 cm
100% UPCA	1.4 in./3.6 cm* — 25.6 in./65.0 cm
20.0 mil Code 39	1.6 in./4.1 cm* — 29.6 in./75.2 cm
*Minimum distance determined by symbol length and scan angle	
SERVICES	
Enjoy easy access to fast repair and expert support with Service from the Start. Add "next business day" replacement with Advanced Exchange.	

Applications

- Medication administration
- Blood product administration
- Specimen labeling
- Specimen tracking
- Medication tracking at the dose level in the hospital pharmacy
- Inventory takes in individual floor supply cabinets for timely replenishment

DISTRIBUIDOR AUTORIZADO:

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