

# CS4070-HC SPECIFICATIONS CHART

## 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% noncondensing

## 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)
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## 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 SSI (proprietary)

## ACCESSORIES

BT-CS1-0BR Bluetooth Dongle for Bluetooth Class 1 Version 2.0 enables connection to host by simply scanning a barcode; 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; lanyard

## 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 thirty-six (36) months

## 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
- Transfusion 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