

Lightweight, Pocket-sized, Dependable



The Socket *Bluetooth* Cordless Hand Scanner (CHS) Series 7 brings industrial-class barcode scanning into a portable, pocket-sized form factor.

Designed for Mobility:

- Small, light, portable
- Wireless with long-range *Bluetooth* connection
- Excellent ergonomics ensure comfortable use over extended periods
- Dependable performance with long battery life
- Easy integration with applications on diverse mobile computing platforms



HARDWARE FEATURES

- Works with *Bluetooth* enabled PDAs, smartphones, tablets, notebooks and desktop computers:
 - Apple iPod touch, iPhone, iPad and Mac OS¹
 - Android OS
 - Windows Mobile, 8, 7, Vista, XP
 - BlackBerry OS, QNX
- Class 1 *Bluetooth* 2.1 + EDR provides secure, long-range wireless connection up to 330 ft (100 m)
- Battery Friendly² technology enables extensive battery life on a single charge
- Apple certified CHS 7Ci, 7Di and 7DiRx support *Bluetooth* SPP connections with iPad, iPhone, iPod touch (Requires SDK or compatible app developed with SDK)¹
- CHS 7Di, 7DiRx and 7P feature extra durable exterior casing to withstand multiple 6.6 ft (2 m) drops to concrete
- Easy to use with automatic reconnections
- LED and beeps indicate good scan, connection, and power status
- Vibrate mode for good scans, great for noisy environments where beeps are hard to hear (7Ci, 7Di, 7DiRx and 7P)
- Allows access to Apple iOS on-screen keyboard
- Supports *Bluetooth* HID connections for easy setup with no software installation²
- Supports *Bluetooth* SPP connections for advanced scanner control³

SOFTWARE FEATURES (SPP mode only)

- SocketScan™ 10 keyboard wedge software enters scanned data into any application — no custom programming needed
- Socket EZ Pair automates *Bluetooth* setup for maximum ease of use
- Suffix support — option to automatically add a carriage return or tab after each scan of data
- Configure beep, LED and vibrate settings
- Enable / disable symbology (barcode type)
- Monitor scanner battery level
- Determine the symbology or length of a barcode
- SocketScan 10 SDK available with optional developer compensation program
<http://www.socketmobile.com/products/sdk/>

¹CHS 7Ci, 7Di and 7DiRx support *Bluetooth* SPP connections on iOS only with SocketScan 10 SDK v10.0.8 or later or compatible apps developed with the SDK. Find compatible apps at: <http://www.socketmobile.com/appstore>

²HID not supported for BlackBerry OS or iPhone 3G.

³SPP not supported for Mac OS or QNX. SPP supported for iOS only with CHS 7Ci, 7Di and 7DiRx and SocketScan 10 SDK version 10.0.8 or later or a compatible apps developed with the SDK.

General Purpose 	7Ci CX2870-1409 	- Smallest, lightest and most affordable version - Scans up to 20" (51 cm) away - Scans barcodes printed on labels or displayed on device screens - Recommended for ISBN book scanning for book scouting or library apps - Contains authentication chip to allow <i>Bluetooth</i> SPP connections with Apple iPad, iPhone and iPod touch (Requires SDK or compatible app) - Also supports Android, Windows, BlackBerry
	7M CX2860-1296 	- For intensive scanning throughout an entire work shift. - Class 2 laser allows for precise targeting of small barcodes or barcodes in tight spaces, or long-range scanning in hard-to-reach areas like high shelves - Great for indoor scanning of ISBN or VIN (even scans through windshields)
Durable 	7Di CX2877-1472 	- Same scanner performance as 7Ci - Extra durable for outdoor use, or demanding operations
	7P CX2862-1298 	- Efficiently scans thousands of barcodes per day, even on reflective surfaces - Best option for scanning VIN indoors and outdoors - even through windshield - High-performance Class 2 laser can read small or poorly printed barcodes - Extra durable for outdoor use, or demanding operations
Durable Antimicrobial 	7DiRx CX2879-1474 	- Same scanner performance as 7Ci - Ideal for healthcare applications like medication administration, charting - Made with antimicrobial materials for healthcare - Extra durable for demanding operations

CHS Model	7Ci	7Di	7DiRx	7M	7P
Scanner SKU #	CX2870-1409	CX2877-1472	CX2879-1474	CX2860-1296	CX2862-1298
SocketScan 10 SDK	Subscribe to Developer Program to download, SKU# SW1250-1463 (available only from SocketStore.com)				
Dimensions	5.07 x 1.57 x 1.36 in. (129 x 40.1 x 34.6 mm)	5.2 x 1.77 x 1.49 in. (132 x 45.1 x 37.9 mm)		5.07 x 1.57 x 1.36 in. (129 x 40.1 x 34.6 mm)	5.2 x 1.77 x 1.49 in. (132 x 45.1 x 37.9 mm)
Total Mass	1.6 oz (45 g)	approx. 2.4 oz (68 g)		1.8 oz (51 g)	approx. 2.4 oz (68 g)
Type of Exterior Case	Standard exterior case with-stands 4 ft (1.2 m) drops to vinyl-covered concrete	Durable, withstands 6.6 ft (2 m) drops to concrete		Standard exterior case with-stands 4 ft (1.2 m) drops to vinyl-covered concrete	Durable, withstands 6.6 ft (2 m) drops to concrete
Antimicrobial Rating (JIS Z2801:2000 Test) Biosafe HM4100, EPA# 83019-1	N/A	N/A	2.49 on MRSA 6.07 if cleaned with Sani-Cloth Plus cloth wipes	N/A	N/A
Optional Stylus Tip	Coming soon!			Included, designed for Pocket PC or other resistive device touch screens	
Temperature	Operating: +32 to +122°F (0 to +50°C) Storage: -22 to +158°F (-30 to +70°C) Ranges may vary with battery shelf life.				
Relative Humidity	5% to 95% non-condensing				
Ambient Light	Sunlight: 0 - 110,000 lux			Sunlight: 100,000 lux Artificial light: 4,844 lux	
Battery Type	Two AAA NiMH rechargeable batteries				
Battery Life	19 hours or 11,000 scans¹			19 hours or 15,000 scans¹	
Battery Charging Time	With AC adapter: approx. 5 hours (under conditions of 0 to +40°C)			With AC adapter: approx. 5 hours (under conditions of 0 to +40°C)	
Barcode Scanner Performance					
Scanner Type	Imager (1D)			Class 2 laser (1D)	
Scans Barcodes on Device Screens	✓	✓	✓		
Scans VIN through windshield				✓	✓
Vibrate Mode for Good Scans	✓	✓	✓		✓
Symbologies Decoded	Same as 7M/P plus: UPC/EAN/JAN supplemental redundancy, Coupon Report, ISSN EAN, Inverse 1D, ISBT concatenations, Matrix 2 of 5			Bookland EAN (ISBN / EAN-13), Chinese 2 of 5, Codabar, Code 11, Code 128, Code 39, Code 93, Discrete 2 of 5, GS1 DataBar (RSS), GS1-128 (UCC-128/EAN-128), Interleaved 2 of 5 (ITF-14), MSI, Plessey, UPC/EAN	
Scan Repetition Rate	50 scans/sec			100 scans/sec bi-directional	
Optical Resolution	5 mil minimum			0.004 inch (0.102 mm) min./barcode element width	
Print Contrast	Minimum 20%			Minimum 25% MRD at 650 nm	
Scan Angle	53.3° ± 3°			Wide (default): 47° ±3° Narrow: 35° ±3°	
Decode Distance²	5.7 to 50.8 cm (2.25 to 20 in.)			3.8 to 114+ cm (1.5 to 45+ inches)	
Bluetooth Profile Support	Human Interface Device (HID) and Serial Port Profile (SPP) Some OS versions or device models support only one profile.				
Bluetooth Protocol	Bluetooth 2.1 + EDR (Enhanced Data Rates) with 56 bit data encryption, Bluetooth QD ID B0164000				
Bluetooth Frequency	2.4 to 2.4835 GHz ISM band, supports Advanced Frequency Hopping				
Radio Range	Class 1 Bluetooth: Up to 100 m (330 ft), depending on environment				
OS Support	Please use online compatibility checker for specific device models, OS versions, etc. http://www.socketmobile.com/compatibilitychecker/				
• iOS: iPad, iPhone, iPod touch	✓	✓	✓	✓	✓
• Mac OS	✓	✓	✓	✓	✓
• Android OS	✓	✓	✓	✓	✓
• BlackBerry OS	✓	✓	✓	✓	✓
• Windows 8, 7, Vista, XP, Embedded Handheld, Mobile	✓	✓	✓	✓	✓
• QNX	✓	✓	✓	✓	✓
Apple iOS certified for iPad, iPhone, iPod touch	Certified. Has authentication chip to support Bluetooth SPP with iOS			N/A - Works only in Bluetooth HID mode with Apple iOS	
SocketScan™ 10 Software	Keyboard wedge for Android, BlackBerry, Windows included. SDK available separately http://www.socketmobile.com/products/sdk/				
Included Items	CHS barcode scanner, AAA rechargeable batteries (2), USB AC charger kit, Lanyard/belt clip with retractable tether, Software				
Warranty	Scanner: One year Accessories: 90 days				
SocketCare Extended Warranty	Sold separately. SocketCare Plus 2 Year - SKU# SC1804-1349 SocketCare Plus 3 Year - SKU# SC1805-1350 http://www.socketcare.com/				
Electrical Safety	Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2				
Environmental	RoHS				
EMI / RFI	FCC Part 15 Class C, RSS 210, ICES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC³				

¹Battery performance may vary depending on vibrate settings and work environment.

²Depends on symbol size, symbology, label media, W-N ratio, scan angle.

³7Di/7DiRx not available in Japan.



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About LOGISCENTER

Grupo Logiscenter is the leading provider in Europe of automatic identification and data capture equipments. Our products include barcode printing and reading devices, mobile computing devices, wireless access points, identification cards, and consumables.

Reasons to work with us

Our customers come first. Our objective is not only selling our products but also holding a long-lasting relationship with our customers, based on the benefits and advantages we create for you and your company.

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Expert technical support team. Our support staff are experts in the products we sell. But not just the products, they can tell you the best solution for your particular problem or need.

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