

### 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 OS\*
  - Android OS
  - Windows Mobile, 7, Vista, XP
  - BlackBerry OS, QNX
- Class 1 *Bluetooth* 2.1 + EDR provides secure, long-range wireless connection up to 100 m (330 ft)
- Battery Friendly\* 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)<sup>1</sup>
- CHS 7Di, 7DiRx and 7P feature extra durable exterior casing to withstand multiple 1.5 m (5 ft) 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 installation<sup>2</sup>
- Supports *Bluetooth* SPP connections for advanced scanner control<sup>3</sup>

#### 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/>

 <b>General Purpose</b>	<b>7Ci</b> CX2870-1409	Made for    <ul style="list-style-type: none"> <li>- Smallest, lightest and most affordable version</li> <li>- Scans up to 20" (51 cm) away</li> <li>- Scans barcodes printed on labels or displayed on device screens</li> <li>- Recommended for ISBN book scanning for book scouting or library apps</li> <li>- Contains authentication chip to allow <i>Bluetooth</i> SPP connections with Apple iPad, iPhone and iPod touch (Requires SDK or compatible app)</li> <li>- Also supports Android, Windows, BlackBerry</li> </ul>
	<b>7M</b> CX2860-1296	<ul style="list-style-type: none"> <li>- For intensive scanning throughout an entire work shift.</li> <li>- 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</li> <li>- Great for indoor scanning of ISBN or VIN (even scans through windshields)</li> </ul>
 <b>Durable</b>	<b>7Di</b> CX2877-1472	Made for    <ul style="list-style-type: none"> <li>- Same scanner performance as 7Ci</li> <li>- Extra durable for outdoor use, or demanding operations</li> </ul>
	<b>7P</b> CX2862-1298	<ul style="list-style-type: none"> <li>- Efficiently scans thousands of barcodes per day, even on reflective surfaces</li> <li>- Best option for scanning VIN indoors and outdoors - even through windshield</li> <li>- High-performance Class 2 laser can read small or poorly printed barcodes</li> <li>- Extra durable for outdoor use, or demanding operations</li> </ul>
 <b>Durable Antimicrobial</b>	<b>7DiRx</b> CX2879-1474	Made for    <ul style="list-style-type: none"> <li>- Same scanner performance as 7Ci</li> <li>- Ideal for healthcare applications like medication administration, charting</li> <li>- Made with antimicrobial materials for healthcare</li> <li>- Extra durable for demanding operations</li> </ul>

<sup>1</sup>CHS 7Ci, 7Di and 7DiRx support *Bluetooth* SPP connections only with SocketScan 10 SDK v10.0.8 or later or compatible apps developed with the SDK. For a list of compatible apps, please visit: <http://www.socketmobile.com/appstore>

<sup>2</sup>HID not supported for BlackBerry OS or iPhone 3G.

<sup>3</sup>SPP 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.

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 <a href="http://SocketStore.com">SocketStore.com</a> )				
Dimensions	129 x 40.1 x 34.6 mm (5.07 x 1.57 x 1.36 in.)	132 x 45.1 x 37.9 mm (5.2 x 1.77 x 1.49 in.)		129 x 40.1 x 34.6 mm (5.07 x 1.57 x 1.36 in.)	132 x 45.1 x 37.9 mm (5.2 x 1.77 x 1.49 in.)
Total Mass	45 g (1.6 oz)	approx. 68 g (2.4 oz)		51 g (1.8 oz)	approx. 68 g (2.4 oz)
Type of Exterior Case	Standard exterior case withstands 1.2 m (4 ft) drops to vinyl-covered concrete	Durable, withstands 1.5 m (5 ft) drops to concrete		Standard exterior case withstands 1.2 m (4 ft) drops to vinyl-covered concrete	Durable, withstands 1.5 m (5 ft) 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 scans <sup>1</sup>			19 hours or 15,000 scans <sup>1</sup>	
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)	
<b>Barcode Scanner Performance</b>					
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 Distance <sup>2</sup>	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. <a href="http://www.socketmobile.com/compatibilitychecker/">http://www.socketmobile.com/compatibilitychecker/</a>				
• iOS: iPad, iPhone, iPod touch	✓	✓	✓	✓	✓
• Mac OS	✓	✓	✓	✓	✓
• Android OS	✓	✓	✓	✓	✓
• BlackBerry OS	✓	✓	✓	✓	✓
• Windows 7, Vista, XP, 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 <a href="http://www.socketmobile.com/products/sdk/">http://www.socketmobile.com/products/sdk/</a>				
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 <a href="http://www.socketcare.com/">http://www.socketcare.com/</a>				
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, TELEC <sup>3</sup>				
Laser / LED Safety	IEC 60825-1, EN 60825-1				

<sup>1</sup>Battery performance may vary depending on vibrate settings and work environment.

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

<sup>3</sup>7Di/7DiRx not available in Japan.



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