

### 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 and portable with extra durable exterior casing
- 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:
  - Windows Mobile, 7, Vista, XP
  - Apple iPod touch, iPhone, iPad and Mac OS\*
  - Android OS, BlackBerry OS, QNX
- Class 1 *Bluetooth* 2.1 + EDR provides secure, long-range wireless connection up to 330 ft / 100 m
- Battery Friendly™ technology enables extensive battery life on a single charge
- Apple iOS certified to add support for *Bluetooth* SPP connections with iPad, iPhone, iPod touch (Requires SDK or compatible app developed with SDK)
- Extra durable exterior casing withstands multiple 1.5 m (5 ft) drops to concrete
- Antimicrobial version for healthcare, food service and other hygiene-sensitive work environments
- 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
- Easy access to Apple iOS on-screen keyboard
- Supports *Bluetooth* HID connections for easy setup with no software installation<sup>1</sup>
- Supports *Bluetooth* SPP connections for advanced scanner control<sup>2</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/>

<sup>1</sup>HID not supported for BlackBerry OS or iPhone 3G.

<sup>2</sup>SPP not supported for Mac OS or QNX. For iOS support with *Bluetooth* SPP, the SDK or compatible app are required.

<p>Apple Certified Barcode Scanners</p> 	<p>7Xi</p>	<ul style="list-style-type: none"> <li>- High performance for scanning 2D and 1D barcodes, printed or on-screen</li> <li>- Scans barcodes in any direction</li> <li>- Reads barcodes displayed on screen of smartphone, laptop, tablet, etc.</li> <li>- Extra durable for outdoor use or fast, demanding operations</li> <li>- Contains authentication chip to allow <i>Bluetooth</i> SPP connections with Apple iOS devices (Requires SDK or compatible app)</li> <li>- Also supports Android, BlackBerry, Windows</li> </ul>
	<p>7XiRx</p>	<ul style="list-style-type: none"> <li>- Same as 7Xi</li> <li>- Ideal for healthcare applications like medication administration, charting</li> <li>- 7XiRx made with antimicrobial materials for healthcare</li> </ul>

CHS Model	7Xi (v3)	7XiRx (v3)
SKU #	CX2864-1336	Scanner only: CX2866-1338 With SDK: SW1245-1322
Dimensions / Total Mass	Dimensions: 132 x 45.1 x 37.9 mm (5.2 x 1.77 x 1.49 in.) Total Mass: approx. 68 g (2.4 oz)	
Drop Specification	Extra durable exterior case withstands multiple 1.5 m (5 ft) drops to concrete	
Antimicrobial Rating (JIS Z2801:2000 Test) Biosafe HM4100, EPA# 83019-1	N/A	2.49 on MRSA 6.07 if cleaned with Sani-Cloth Plus cloth wipes
Built-in Stylus Tip	Stylus tip coming soon for 7Xi and 7XiRx.	
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	0 to 100,000 lux	
Battery Type	One Lithium ion rechargeable battery	
Battery Life / Charging Time	Battery Life: 10 hours on single charge Charging Time: with AC adapter: approx. 3 hours	
Scanner Type	Omni-Directional Imager (2D)	
Scans Barcodes on Device Screens	✓	✓
Direct Part Marking (DPM) Support	✓	✓
Vibrate Mode for Good Scans	✓	✓
Symbologies Decoded	1D: Bookland EAN (ISBN / EAN-13), Codabar (including ISBT 128 bit concatenation), 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 2D: Aztec, Codablock, Data Matrix, GS1 (EAN.UCC), Matrix 2 of 5, Maxicode, PDF 417/ Macro PDF 417/ Micro PDF 417, QR Code, Standard 2 of 5, Telepen, TLCode 39 Postal: Australia Post, BPO 4, Canada Post, Dutch Post (KIX), Japan Post, Planet, Postnet, RM4SCC, Sweden Post, TLCode 39, 4 State Code, USPS Intelligent Mail	
Scan Repetition Rate	Omni-Directional / Auto-Adaptive 2D mode: 56 images/second 1D mode: 200 images/second	
Optical Resolution	752(H) x 480(V) pixels, 256 gray levels	
Print Contrast	Down to 25%	
Scan Angle	Horizontal: 38.9° Vertical: 25.4°	
Decode Distance	4.8 to 40.6 cm (1.9 to 16 in.) Depends on symbol size, symbology, label media, W-N ratio, scan angle.	
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 330 ft (100 m), 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>	
• Apple iOS, Mac OS	✓	✓
• Android OS	✓	✓
• BlackBerry OS	✓	✓
• Windows 7, Vista, XP, Mobile	✓	✓
• QNX	✓	✓
Apple iOS certified	Certified for iPad, iPhone, iPod touch. Features authentication chip to support Bluetooth SPP with iOS devices. Requires SDK or compatible app, see <a href="http://www.socketmobile.com/appstore">http://www.socketmobile.com/appstore</a>	
SocketScan™ 10 Software	Keyboard wedge software included for Android, BlackBerry, Windows. SDK sold separately or with 7XiRx <a href="http://www.socketmobile.com/products/sdk/">http://www.socketmobile.com/products/sdk/</a>	
Included Items	CHS barcode scanner, rechargeable battery (pre-installed), USB AC charger kit, Lanyard, Software	
Warranty	Scanner: One year Accessories: 90 days	
SocketCare™ Service Program	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 / Environmental	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	
Laser / LED Safety:	IEC 60825-1, EN 60825-1	

<sup>1</sup>Based on elapse time of 5 seconds/scan under typical usage conditions. Battery performance may vary depending on vibrate settings and work environment.



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