

### Lightweight, Pocket-sized, Dependable





Photo: ORM London

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



<p><b>CHS 7Xi</b></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>- Apple iOS certified: has authentication chip to allow <i>Bluetooth</i> SPP connections with iPad, iPhone and iPod touch (Requires SDK or compatible app developed with SDK)</li> <li>- Also supports Android, BlackBerry, Windows</li> </ul>
<p><b>CHS 7XiRx</b></p> 	<ul style="list-style-type: none"> <li>- Same as 7Xi except features white antimicrobial exterior casing</li> <li>- Ideal for healthcare applications like medication administration, nurse charting</li> </ul>

#### HARDWARE FEATURES

- Works with *Bluetooth* enabled smartphones, tablets, PDAs, notebooks and desktop computers:
  - Apple iPod touch, iPhone, iPad and Mac OS\*
  - Android OS
  - Windows Embedded Handheld, 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 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 6.6 ft (2 m) drops to concrete. Watch video at: <http://www.youtube.com/watch?v=fSAeVdiUUXE>
- White antimicrobial version for healthcare, food service & 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 worksites where beeps are hard to hear or noise-sensitive applications where beeps must be disabled
- Quickly access Apple iOS on-screen keyboard with special "double press" scanner button feature
- 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: automatically add a carriage return or tab after each scan of data
- Software utility enables you to configure beep, LED and vibrate settings, enable / disable symbology (barcode type) and monitor scanner battery level
- Determine the symbology or length of a barcode
- SocketScan 10 SDK available with subscription to Socket Mobile Developer Program (\$19.95 / year) <http://www.socketmobile.com/support/Developer/>

<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 a compatible app is required.

CHS Model	7Xi	7XiRx
Scanner SKU #	CX2864-1336	CX2866-1338
SocketScan 10 SDK	Supports iOS, Android, BlackBerry, Windows. Subscribe to Developer Program to download, SKU# SW1250-1463. Sold only at <a href="http://www.socketstore.com/">http://www.socketstore.com/</a>	
Dimensions / Total Mass	Dimensions: 5.2 x 1.77 x 1.49 in. (132 x 45.1 x 37.9 mm) Total Mass: approx. 2.4 oz (68 g)	
Drop Specification	Extra durable exterior case withstands multiple 6.6 ft (2 m) 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
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 <sup>1</sup> 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	<b>1D:</b> 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 <b>2D:</b> 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 <b>Postal:</b> 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 5 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 8, 7, Vista, XP	✓	✓
• Windows Embedded Handheld, Mobile	✓	✓
Apple iOS certified	Certified for iPad, iPhone, iPod touch. Features authentication chip to support Bluetooth SPP with iOS devices. Requires SocketScan 10 SDK or compatible application developed with the SDK. For a list of compatible apps, please visit: <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 available separately <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>	
Charging Cradle	Sold separately, SKU# AC4055-1382	Sold separately, SKU# AC4056-1383
DC Power Supply (Car Charger)	Sold separately, SKU# AC4057-1384	
Battery Replacement Kit	Sold separately, SKU# AC4059-1479	
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, TELECOM	
Laser / LED Safety:	IEC 60825-1, EN 60825-1	

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



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