Bluetooth® **Cordless Hand Scanner (CHS)**
Series 7

2D MODELS

Lightweight, Pocket-sized, Dependable

Made for
◻iPod ◻iPhone ◻iPad

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

Bluetooth®

CHS 7Xi

- High performance for scanning 2D and 1D barcodes, printed or on-screen
- Scans barcodes in any direction
- Reads barcodes displayed on screen of smartphone, laptop, tablet, etc.
- Extra durable for outdoor use or fast, demanding operations
- Apple iOS certified: has authentication chip to allow *Bluetooth* SPP connections with iPad, iPhone and iPod touch (Requires SDK or compatible app developed with SDK)
- Also supports Android, BlackBerry, Windows

CHS 7XiRx

- Same as 7Xi except features white antimicrobial exterior casing
- Ideal for healthcare applications like medication administration, nurse charting

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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[1]

• Supports *Bluetooth* SPP connections for advanced scanner control[2]

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/

[1]HID not supported for BlackBerry OS or iPhone 3G.

[2]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 http://www.socketstore.com/	
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℉ (0 to +50℃) Storage: -22 to +158℉ (-30 to +70℃) 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[1] 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 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. http://www.socketmobile.com/compatibilitychecker/	
• Apple iOS, Mac OS	✓	✓
• Android OS	✓	✓
• BlackBerry OS	✓	✓
• Windows 8, 7, Vista, XP	✓	✓
• Windows Embeddeded 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: http://www.socketmobile.com/appstore	
SocketScan™ 10 Software	Keyboard wedge software included for Android, BlackBerry, Windows. SDK available separately http://www.socketmobile.com/products/sdk/	
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 http://www.socketcare.com/	
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, TELEC	
Laser / LED Safety:	IEC 60825-1, EN 60825-1	

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

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