






Lightweight, Pocket-sized, Dependable



The Socket *Bluetooth* Cordless Hand Scanner (CHS) Series 7 brings industrial-class barcode scanning into a pocket-sized form factor. It enables new opportunities to bring the productivity benefits of 2D and 1D barcode scanning to mobile workers.

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

CHS 7E (1D) <i>Affordable</i> <i>Reliable</i> <i>Laser</i> 	<ul style="list-style-type: none"> - For light-duty or general-purpose indoor scanning (<100 scans per day) - Reads all common 1D linear and stacked barcodes up to 10.5" (27 cm) away - Reads ISBN barcodes (for book scouting) - Class 1 laser technology ideal for barcode size 6 mils or larger
CHS 7M (1D) <i>Longer Range</i> <i>High Performance</i> <i>Laser</i> 	<ul style="list-style-type: none"> - Moderate to intensive scanning for 8-10 hour work shift - Longer range for hard-to-reach areas (e.g., high shelves in warehouses) - Reads ISBN barcodes (for book scouting) and barcodes printed on reflective surfaces - Scans through windshields to read VIN codes on automobiles (inside showrooms) - Class 2 laser technology reads all 1D linear barcodes, even if small, poorly-printed
CHS 7P (1D) <i>Extra Durable</i> <i>High Performance</i> <i>Laser</i> 	<ul style="list-style-type: none"> - For intensive or high-volume scanning over an 8-10 hour work shift - Extra durable for outdoor use or scanning under difficult conditions - High performance for scanning thousands of barcodes per day, even barcodes on reflective surfaces - Scans through windshields to read VIN codes on automobiles (outdoors) - Tactile feedback (vibrate mode) for noisy or quiet environments - Class 2 laser technology reads 1D linear barcodes, even if small, poorly-printed
CHS 7X (2D) <i>High Performance</i> <i>Extra Durable</i> <i>Omni-Directional</i> 	<ul style="list-style-type: none"> - High performance for scanning all 2D and 1D barcodes - Scans barcodes in any direction, even small barcodes - Reads barcodes displayed on screen of smartphone, PDA, laptop, tablet, desktop - Extra durable for outdoor use or scanning under difficult conditions - Tactile feedback (vibrate mode) for noisy or quiet environments
CHS 7XRx (2D) CHS 7NRx (1D) <i>Antimicrobial</i> <i>High Performance</i> <i>Extra Durable</i> 	<ul style="list-style-type: none"> - Features an antimicrobial case inhibiting growth of bacteria and microbes - Extra durable for hospital use or for scanning under difficult conditions - Scans all 1D barcodes, even small and worn barcodes. 7XRx scans 2D barcodes too - Choose high-performance omni-directional scanner or Class 1 laser - Safe to use in patient care - Tactile feedback (vibrate mode) for noisy or quiet environments

HARDWARE FEATURES

- *Bluetooth* v2.1 Class 1 wireless connection (up to 330 ft/100 m from host device)
- Extra durable versions withstand multiple drops onto concrete
- Antimicrobial versions for healthcare, food service and other hygiene sensitive applications
- Support for HID and SPP *Bluetooth* connections lets businesses choose the best method for their application
- Battery Friendly® technology enables extensive battery life on a single charge
- LED indicates good scan, connection, power status
- Tactile Feedback (Vibrate Mode) for noisy or quiet environments (select models only)¹
- Built-in stylus tip for use with touch screen devices
- Works with *Bluetooth* enabled PDAs, smartphones and computers including: Apple iPad, iPhone, iPod touch; Windows platforms; and Nokia, Palm and BlackBerry smartphones¹
- Error Proof Protocol™ ensures scanned data reaches host computer over *Bluetooth* link

SOFTWARE FEATURES (SPP mode only)²

- Connect!Agent software for Windows Mobile automates and manages the *Bluetooth* connection
- SocketScan™ keyboard wedge software enters scanned data into any application — no custom programming needed
- Eliminate manual data entry with automatic prefix / suffix functions, such as carriage return and tab
- Power and beep tone management
- SocketScan Symbology Selector for enabling/disabling barcode symbologies
- View properties of any barcode for supported symbologies
- *Bluetooth* security and reconnection options
- Works with Windows-based development tools for custom applications (SDK available)
- SocketScan Floating Trigger lets you conveniently tap an on-screen icon to trigger the scanner
- SocketScan ActivePairing™ and Permanent Pair make the *Bluetooth* connection quick, easy, and convenient
- No license fee for standard software

Charging cradles (sold separately)



¹Not all scanner versions support all OS platforms or devices. See specifications for specific smartphone models.

²Software not required for *Bluetooth* HID mode. All software features supported only in SPP mode.

Socket Bluetooth Cordless Hand Scanner (CHS)

Series 7 (v3)

In the Box:

- Socket Bluetooth Cordless Hand Scanner
- AC adapter with international plugs
- USB cable
- Lanyard/belt clip with retractable tether
- Rechargeable battery
- Software (to use in SPP mode only)



Charging cradles (sold separately)



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	7E (v3)	7NRx (v3)	7M (v3)	7P (v3)	7X (v3)	7XRx (v3)
SKU #	CX2858-1294	CX2852-1245	CX2860-1296	CX2862-1298	HID: CX2849-1242 SPP: CX2854-1276	HID: CX2843-1160 SPP: CX2856-1278
Scanner Type	Class 1 Laser (1D)		Class 2 Laser (1D)		High-Density Omni-Directional Imager (2D, 1D)	
Symbology Support	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, UPC/EAN		Same as 7E, 7NRx, 7M Best option for scanning VIN codes on automobiles		Same as other models (except Chinese 2 of 5), plus 2D: Aztec, Codabar (with ISBT 128 bit concatenation), Codablock, Data Matrix, GS1 Composite (EAN / UCC Composite), GS1 DataBar Limited (RSS Limited), Matrix 2 of 5, MaxiCode, PDF 417, Macro / Micro PDF 417, Plessey, QR Code, Standard 2 of 5, Telepen, TLCode 39, postal (various)	
Decode Distance ¹	1.5 to 10.5 inches (3.8 to 27 cm)		1.5 to 45+ in. (3.8 to 114+ cm)		1.5 to 10.5 in. (3.8 to 27 cm)	
Operating Temperature	+32 to +122°F (0 to +50°C)					
Battery Type	Two AAA NiMH rechargeable batteries				One Li-ion rechargeable battery	
Battery Life	19 hours or 15,000 scans ²				10 hours on single charge	
Ruggedized Case		✓		✓	✓	✓
Antimicrobial Case		✓				✓
Tactile Feedback (Vibrate)		✓		✓	✓	✓
OS Support						
• Windows Mobile ³	✓	✓	✓	✓	✓	✓
• Windows CE.NET ³	✓	✓	✓	✓		
• Win 7, Vista, XP ³	✓	✓	✓	✓	✓	✓
• Palm OS ³	✓	✓	✓	✓		
• RIM BlackBerry ³	✓	✓	✓	✓	✓	✓
• Symbian (Nokia) ³	✓	✓	✓	✓	✓	✓
• Apple iPad, iPhone, iPod touch ⁴	✓	✓	✓	✓	✓	✓
Bluetooth Specifications						
Profile Support	Human Interface Device (HID) and Serial Port Profile (SPP)					
Bluetooth Protocol	Bluetooth 2.1 + Enhanced Data Rate (EDR)					
Radio Range	Class 1 Bluetooth - Up to 330 ft (100 m), depending on environment					
Included Software	HID - No software required. SPP - SocketScan: Windows Mobile, 7, Vista, XP, RIM. Laser versions also include Palm, Symbian. Connect!Agent for Windows Mobile, Floating Trigger for Windows Mobile, 7, Vista, XP					
Certification/ Compliance	Electrical Safety: Certified to CAN/CSA C22.2 No. EN60950-1, EN60825-1, IEC60601 Environmental: RoHS EMI/RFI: FCC Part 15 Class B, VCCI, CE EN55024:2003 Laser/LED Safety: IEC60825-1, EN 60825-1					
Warranty	Barcode scanner: One year Accessories: 90 days SocketCare service program available separately					
Optional Accessories	http://www1.socketmobile.com/products/bluetooth-scanners/accessories-bt1.aspx					
Charging Cradle	3 versions: For 7E/7M: SKU# AC4034-862 For 7P/7X: AC4026-708 For 7NRx/7XRx: AC4050-1152					
USB A to DC Cable	Power your CHS through your computer's USB port. SKU# AC4051-1192					
Lanyard with Pull Reel	Wear the CHS around your neck. Pull out CHS to use with retractable tether. SKU# AC4038-1070					
Car Charger	DC Adapter lets you charge your CHS in your car. SKU# HC1630-882					

¹Depends on symbol size, symbology, label media, W-N Ratio, scan angle. 7E supports minimum barcode size of 6 mils, based on standard Code 128.
²Based on elapse time of 5 seconds / scan under typical usage conditions. Battery performance may vary depending on vibrate settings and work environment.
³For full compatibility list, please see Specification Sheet at: http://www1.socketmobile.com/Libraries/Documents/CHS_Series_7_Spec_Sheet.sflb.aspx
⁴Apple support in HID mode only. Works with Mac OS X 10.4 to 10.6.4 (latest versions at time of testing) and iPad, iPhone and iPod touch running iOS 4+ only.

