

Data Collection for Mobile Workers

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

The Socket *Bluetooth* CHS Series 7 provides the right features to simplify data collection, giving users an essential tool that they can rely on. Its light and ergonomic yet rugged design withstands the daily rigors of field use. It's comfortable to use for long periods of scanning and slips easily into a pocket, carry on a lanyard or attach to a belt.

Battery Friendly® technology enables multi-shift/ multi-day scanning and reduces the power consumption of the paired *Bluetooth* computing platform while providing the freedom of a reliable, long range wireless connection.

The wide range of host device support and complete SocketScan™ software suite eases integration into existing applications. For new deployments, Socket's VAR / integrator partners provide diverse solutions which integrate the Socket *Bluetooth* CHS Series 7.

Features:

- Comfortable to use over extended periods and easy to carry
- Easy integration with applications on mobile computing platforms
- Dependable with long battery life and reliable, long-range *Bluetooth* connection







HARDWARE FEATURES

- *Bluetooth* 2.1 or 2.0 Class 1 wireless connection (up to 330 ft/100 m from host device)
- Rugged design of 7P and 7X withstands multiple drops onto concrete
- Battery Friendly® technology enables extensive battery life on a single charge
- LED indicates good scan and connection status
- Built-in stylus tip for use with touch screen devices
- Works with *Bluetooth* enabled computers running Windows or Palm platforms as well as BlackBerry and Nokia smartphones (see specifications)
- Error Proof Protocol™ ensures scanned data reaches host computer over *Bluetooth* link

SOFTWARE FEATURES (for 7E2, 7M2, 7P)

- Connect!Agent software for Windows Mobile automatically configures 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 the properties of any barcode for any of the supported symbologies
- *Bluetooth* security and reconnection options
- No license fee for standard software
- 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

WHICH VERSION IS RIGHT FOR YOU?

CHS 7E2 Reliable, Affordable 1D Laser 	<ul style="list-style-type: none"> - For light-duty or general-purpose indoor scanning - Reads all common 1D/linear and stacked barcodes up to 10.5" (27 cm) away - Class 1 laser technology - Available in yellow (CX2845-1180) or gray (CX2847-1193)
CHS 7M2 Long-range 1D Laser 	<ul style="list-style-type: none"> - Moderate to intensive scanning - Easy to use and can scan thousands of barcodes per day, up to 45" (114 cm) away - Reads 1D and stacked barcodes, even if they are worn or damaged - Class 2 laser technology - Most indoor scanning, including ISBN book and VIN numbers
CHS 7P Rugged Long-range 1D Laser 	<ul style="list-style-type: none"> - High-performance for scanning small barcodes indoors or outdoors - Ruggedized dust, shock and water resistant case withstands 5 ft (1.5 m) drops - Ideal for reading VIN numbers, through Mylar / thick glass or damaged barcodes - Easy to use and can scan thousands of barcodes per day, up to 45" (114 cm) away - Class 2 laser technology reads 1D and stacked barcodes
CHS 7X Rugged 1D & 2D 	<ul style="list-style-type: none"> - Xtreme performance for 1D, 2D, PDF barcodes, including small barcodes - Ruggedized dust, shock and water resistant case withstands 5 ft (1.5 m) drops - <i>Bluetooth</i> v2.1 with 330 ft (100 m) range - Data editing with special barcodes - No software required - Tactile vibration recognition for high ambient noise environments - CMOS high density imaging technology



Charging cradle
(sold separately)

Socket Bluetooth Cordless Hand Scanner Series 7

In the Box:

- Socket *Bluetooth* Cordless Hand Scanner (version 7M2 shown)
- Charging cable (not shown)
- Lanyard/belt clip with retractable tether
- Rechargeable battery/batteries
- Software and documentation

Items not shown to scale and may vary slightly from those shown.



Optional Accessories:

- Charging Cradle
- Car Charger
- Scanning Companion: USB *Bluetooth* Adapter
- Mobile Power Pack: portable battery pack (Available only in Americas)
- SocketScan SDK



For more information, please visit:
www.socketmobile.com/products/accessories/

SPECIFICATIONS				
	CHS 7E2 <i>Entry Level Laser</i>	CHS 7M2 <i>Mid-Range Laser</i>	CHS 7P <i>Performance Laser</i>	CHS 7X <i>Performance 1D & 2D</i>
SKU #	CX2845-1180 yellow CX2847-1193 gray	CX2850-1243	CX2830-1097	CX2849-1242
Scanner Type	Class 1 laser (1D)	Class 2 laser (1D)	Class 2 laser (1D)	CMOS imager (1D, 2D)
Symbology Support	Chinese 2 of 5 Codabar Code 11 Code 128 Code 39 Code 93 D 2 of 5 GS1 DataBar (RSS) GS1-128 (UCC-128 / EAN-128) I 2 of 5 (ITF-14) ISBN MSI UPC/EAN		Same as CHS 7E2/7M2 Recommended for VIN vehicle numbers	Same as other models (except D 2 of 5) plus: Aztec Codablock Data Matrix EAN / UCC Composite Matrix 2 of 5 Maxicode PDF 417 Macro / Micro PDF 417 Planet Plessey QR Code Standard 2 of 5 Telepen TLCode 39 Postal codes (various)
Decode Distance*	1.5 to 10.5 inches (3.8 to 27 cm)	1.5 to 45+ inches (3.8 to 114+ cm)	1.5 to 45+ inches (3.8 to 114+ cm)	1.5 to 10.5 inches (3.8 to 27 cm)
Ruggedized Case	No		Yes. Withstands multiple 5-ft (1.5-m) drops Water, dust and shock resistant	
Operating Temp.	+32 to +122°F (0 to +40°C)		-4 to +144°F (-20 to +60°C)	
Power Source	Two AAA NiMH rechargeable batteries			One Li-ion battery
Battery Life (Expected)	Typical usage conditions with <i>Bluetooth</i> connection: 19 h or 15,000 scans**			10 h on single charge
Operating System Support	Windows Mobile 6 Classic/Professional (requires <i>Bluetooth Serial Port Profile</i>) Windows Mobile 2003 / 2003SE / 5.0 for Pocket PC/Pocket PC Phone Edition Windows CE.NET for Intermec CK3 Windows 7, Vista, XP Palm OS 5.2 or greater RIM BlackBerry OS for Bold 9000, Curve 83xx, Pearl 81xx, Storm 95xx Symbian OS for Nokia E61, E61i, E71 (other Symbian 9.1+ devices may be supported)			Windows Mobile 6.1 or 5 Windows 7, Vista, XP
Interface Standard	<i>Bluetooth</i> Serial Port Profile (SPP)			<i>Bluetooth</i> HID
<i>Bluetooth</i> Protocol	<i>Bluetooth</i> 2.0 + Enhanced Data Rates (EDR), <i>Bluetooth</i> QD ID B0164000			<i>Bluetooth</i> 2.1 + EDR
Radio Range	Class 1 <i>Bluetooth</i> - Up to 330 ft (100 m), depending on environment			
Included Software	SocketScan for Windows Mobile/7/Vista/XP, Palm OS, Symbian OS Connect!Agent for Windows Mobile Floating Trigger for Windows Mobile/7/Vista/XP			No software required
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 enhanced service program available separately			

*Depends on symbol size, symbology, label media, W-N Ratio, scan angle

**Based on elapse time of 4.8 seconds per scan

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