

Cordless Hand Scanner Series 7

With Bluetooth® Wireless Technology

Specification Sheet

PHYSICAL CHARACTERISTICS

	CHS 7E <i>Entry Level</i>		CHS 7M <i>Mid-Range</i>		CHS 7P <i>Performance</i>	
Dimensions	125 x 31 x 35 mm (4.9 x 1.2 x 1.4 inches)					
Total Mass	51 g (1.8 oz)	51 g (1.8 oz)		approx. 68 g (2.4 oz)		
Ruggedized Case	No	No		Yes. Withstands multiple 5-foot drops to concrete. Dust, shock, and water-resistant		

ENVIRONMENTAL SPECIFICATIONS

	CHS 7E <i>Entry Level</i>	CHS 7M <i>Mid-Range</i>	CHS 7P <i>Performance</i>
Operating Temperature	+32 to +140°F (0 to +60°C)	-4 to +140°F (-20 to +60°C)	
Storage Temperature	-22 to +158°F (-30 to +70°C)	-40 to +158°F (-40 to +70°C)	
Relative Humidity	5% to 95% non-condensing		
Ambient Light	0.5 ft. candles (5 lux) to 8,000 ft. candles (86,112 lux)	Sunlight: 10,000 ft. candles (107,640 lux) Artificial light: 450 ft. candles (4,844 lux)	

ELECTRICAL SPECIFICATIONS

	CHS 7E <i>Entry Level</i>	CHS 7M <i>Mid-Range</i>	CHS 7P <i>Performance</i>
Power Source	Two AAA NiMH rechargeable batteries		
Expected Battery Life	Typical usage conditions with <i>Bluetooth</i> connection: 8,000+ scans		
Laser Power (650 nm)	N/A	0.7 mW (± 0.1 mW)	1.7 mW (± 0.2 mW)

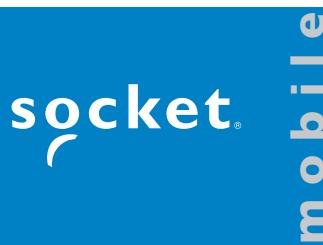
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SCANNER PERFORMANCE SPECIFICATIONS				
	CHS 7E Entry Level	CHS 7M Mid-Range	CHS 7P Performance	
Scanner Type	Symbol CSE600 CMOS linear imager	Symbol SE-955 Class 1 laser	Symbol SE-955 Class 2 laser	
Types of Bar Codes Decoded	Linear (1D)	Linear (1D), Stacked linear composite (RSS-14)		
Symbolologies Decoded	Codabar, Code 11, Code 128, Code 39, Code 93, D 2 of 5, I 2 of 5, MSI, UPC/EAN, Webcode			
Scan Repetition Rate	Frame rate varies with the amount of ambient light	100 scans/sec bi-directional		
Optical Resolution	N/A	0.004 inch (0.102 mm) minimum/bar code element width (X Dimension)		
Print Contrast	35% MRD measured at 675 nm	Minimum 25% absolute dark/light reflectance (MRD) measured at 650 nm		
Scan Angle	N/A	Wide (default): 47° ±3° Narrow: 35° ±3°		
Decode Distance*	3.18 to 60.96 cm (1.25 to 24.00 inches) typical	2.50 to 88.90 cm (1.00 to 35.00 inches) typical	2.50 to 114.30 cm (1.00 to 45.00 inches) typical	
LED/Laser Safety	EN60825 Class 1 LED	IEC60825-1 Class 1 laser	IEC60825 Class 2 laser	

BLUETOOTH SPECIFICATIONS	
Interface Standard	Bluetooth Serial Port Profile
Bluetooth Protocol	Bluetooth 1.1: 2.4 to 2.4835 GHz ISM band frequency hopping
Antenna Type	Integrated
Radio Range	Class 1 Bluetooth: Up to 330 ft (100 m), depending on environment
Connection	Point to point
Compatibility	Windows COM port, Bluetooth QD ID B0164000
Security	128 bit encryption
Typical Output	12 dbm
Supported Bluetooth Stacks for Windows	Socket Mobile Drakar 1.4 IVT BlueSoleil 1.6.1.4 Broadcomm (Widcomm)1.4 Microsoft Bluetooth stack for Windows Mobile Microsoft Windows XP SP2 Toshiba Bluetooth stack 3.03.06 and greater for Windows XP



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SOFTWARE COMPATIBILITY

Operating System Support	Windows Mobile 2003/2003SE/ 5.0, Windows XP/XP Tablet Edition, Palm OS 5.2 or greater, Symbian Series 60/80
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INCLUDED SOFTWARE AND HARDWARE

Included Software	Installation Utility; SocketScan for Windows Mobile, WindowsXP/XP Tablet Edition, Palm OS, Symbian OS; Connect!Agent for Windows Mobile and Windows XP/XP Tablet Edition; Socket Floating Trigger
Package Contents	Cordless Hand Scanner Series 7; AC charger with plugs for USA, Europe, UK, Australia; 2 NiMH rechargeable AAA batteries; CD with software and user documentation; lanyard/belt clip with retractable tether

OPTIONAL ACCESSORIES

	CHS 7E <i>Entry Level</i>	CHS 7M <i>Mid-Range</i>	CHS 7P <i>Performance</i>
Scanning Companion	USB <i>Bluetooth</i> adapter completes your CHS Series 7 by enabling you to operate with any notebook, tablet or desktop computer running Windows XP Service Pack 2 (SP2) with a USB slot. Available separately, SKU# BL4543-734		
Charging Cradle	N/A	N/A	Available for CHS 7P only SKU# AC4026-708

WARRANTY, REGULATORY COMPLIANCE

Warranty	Scanner: One year Accessories: 90 days SocketCare enhanced service program available separately		
Certification/Compliance	FCC: Part 15, Class B, CE: EN55024:2003, C-TICK: s.182, RoHS	FCC: Part 15, Class B, CE: EN55024:2003, IEC60825-1:1993 +A1:1997 +A2:2001, Japan VCCI, C-TICK: s.182, RoHS	

SKU NUMBERS

	CHS 7E <i>Entry Level</i>	CHS 7M <i>Mid-Range</i>	CHS 7P <i>Performance</i>
SKU #	CX2804-493	CX2800-489	CX2821-656



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