

Bluetooth® Cordless Hand Scanner

Series 7 (v3)

SPECIFICATION SHEET

	MODEL	7E	7NRx	7M	7P	7X	7XRx
PHYSICAL	Dimensions	129 x 40.1 x 34.6 mm (5.07 x 1.57 x 1.36 in.)	132 x 45.1 x 37.9 mm (5.20 x 1.77 x 1.49 in.)	129 x 40.1 x 34.6 mm (5.07 x 1.57 x 1.36 in.)	132 x 45.1 x 37.9 mm (5.20 x 1.77 x 1.49 in.)		
	Total Mass	51 g (1.8 oz)	~68 g (2.4 oz)	51 g (1.8 oz)	approximately 68 g (2.4 oz)		
	Ruggedized Case	N/A	Same as 7P, 7X	N/A	Withstands multiple 1.5 m (5 ft) drops to concrete		
	Antimicrobial Rating (JIS Z2801:2000 Test)	N/A	2.49 on MRSA, 6.07 if cleaned with Sani-Cloth® Plus cloth wipes	N/A	N/A	N/A	2.49 on MRSA, 6.07 if cleaned with Sani-Cloth® Plus cloth wipes
	Antimicrobial Additive	N/A	Biosafe® HM4100 EPA# 83019-1	N/A	N/A	N/A	Biosafe® HM4100 EPA# 83019-1
	Built-in Stylus Tip	For use with device touch screens					
ENVIRONMENTAL	Operating Temp. ¹	+32 to +122°F (0 to +50°C)					
	Storage Temp. ¹	-22 to +158°F (-30 to +70°C)					
	Relative Humidity	5% to 95% non-condensing					
	Ambient Light	Sunlight: 10,000 ft. candles (107,640 lux) Artificial light: 450 ft. candles (4,844 lux)				0 to 100,000 lux	
POWER	Battery Type	Two AAA NiMH rechargeable batteries				One Li ion rechargeable battery	
	Battery Life with Bluetooth Enabled	19 hours or 15,000 scans ²				10 hours on single charge ²	
	Battery Charging Time	5 hours (under conditions of 0 to +40°C)				3 hours	
SCANNER PERFORMANCE	Scanner Type	Class 1 laser	Class 1 laser	Class 2 laser	Class 2 laser	High-Density Omni-Directional Imager	
	Barcode Support	Linear (1D), Stacked linear composite				2D, 1D, stacked linear	
	Symbologies Decoded	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 vehicle numbers	Same as other models (except Chinese 2 of 5) plus 2D: <u>1D</u> : Codabar (with ISBT 128 bit concatenation) <u>2D</u> : Aztec, Codablock, Data Matrix, GS1 (EAN.UCC), Matrix 2 of 5, Maxi-code, PDF 417/ Macro PDF 417/ Micro PDF 417, Plessey, QR Code, RM4SCC, Standard 2 of 5, Telepen, TLCode 39 <u>Postal</u> : Australia Post, BP0 4, Canada Post, Dutch Post (KIX), GS1 (EAN.UCC), Japan Post, Planet, Postnet, RM4SCC, Sweden Post, Telepen, TLCode 39, 4 State Code	
	Scan Repetition Rate	100 scans/sec bi-directional				Omni-directional / Auto Adaptive <u>2D mode</u> : 56 images/second <u>1D mode</u> : 200 images/second	
	Optical Resolution	0.004 inch (0.102 mm) minimum/bar code element width (X Dimension)				752(H) x 480(V) pixels, 256 gray levels	
	Print Contrast	Minimum 25% absolute dark/light reflectance (MRD) measured at 650 nm				Down to 25%	

¹Temperature range may vary depending on shelf life of battery/batteries.

²Based on elapse time of 5 seconds/scan under typical usage conditions. Battery performance may vary depending on vibrate settings and work environment.

MODEL	7E	7NRx	7M	7P	7X	7XRx
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SCANNER PERFORMANCE

Scan Angle	Wide (default): 47° ±3° Narrow: 35° ±3°			Horiz.: 38.9° Vertical: 25.4°		
Decode Distance ¹	3.8 to 27 cm (1.5 to 10.5 in.)		3.8 to 114+ cm (1.5 to 45+ inches)		3.8 to 27 cm (1.5 to 10.5 in.)	
Tactile Vibrate Recognition	Not included	Included	Not included	Included - Confirms successful transfer of scanned data in noisy and quiet environments		

BLUETOOTH®

Profile Support	Human Interface Device (HID) and Serial Port Profile (SPP)					
Bluetooth Protocol	Bluetooth v2.1 with Enhanced Data Rates (EDR)					
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					
Compatibility	Windows COM port, Bluetooth QD ID B0164000					
Security	56 bit encryption					
Supported Bluetooth Stacks for Windows	Mobile: Broadcom 1.5 or later, Microsoft, Stonestreet One 1.2.4 (Build 1783) XP/Vista/7: Broadcom 5.1.0.1700 or later, Microsoft, Toshiba 4.00.34, 5.00.06F or later			Bluetooth 2.1, 2.0: Microsoft, Toshiba, Broadcom ² , BlueSoleil (v2.0 only)		

SOFTWARE

Operating System Support	<p>HID: Apple iOS 3 (iPad), iOS 4 (iPhone/iPod touch), Mac OS X 10.4 to 10.6.4 (iMac/MacBook)³ Windows Mobile, 7, Vista, XP Symbian OS for Nokia E71 (Other devices running Symbian OS 9.1 or greater may be supported)</p> <p>SPP: Windows Mobile 6 Classic/Professional 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 for Treo, Pre RIM BlackBerry OS for series: Bold 9000, 9600, 9700; Curve 8200, 8300, 8500; Pearl 8100; Storm 9500; Tour 9600 Symbian OS for Nokia E61, E61i, E71 (Other devices running Symbian OS 9.1 or greater may be supported)</p>					
Included Software	<p>HID: No software required.</p> <p>SPP: SocketScan™ keyboard wedge software for Windows, RIM BlackBerry. Laser versions also include Palm, Symbian. Connect!Agent™ Bluetooth software for Windows Mobile, Socket Floating Trigger for Windows</p>					

STANDARD OFFERING

Included Items	Socket Bluetooth Cordless Hand Scanner AAA rechargeable batteries AC adapter with international plugs USB cable Lanyard/belt clip with retractable tether Software (for SPP mode only)		Socket Bluetooth Cordless Hand Scanner Li ion rechargeable battery AC adapter with international plugs USB cable Lanyard/belt clip with retractable tether Software (for SPP mode only)			
Warranty	Scanner: One year Accessories: 90 days SocketCare™ enhanced service program available separately, visit www.socketmobile.com/socketcare					

COMPLIANCE

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					
Laser / LED Safety:	IEC 60825-1, EN 60825-1					

¹Depends on symbol size, symbology, label media, W-N ratio, scan angle. 7E supports minimum barcode size of 6mils, based on standard Code 128.

²Bluetooth v2.1 is recommended for best results.

³Apple support in HID profile only. Tested on Mac OS X 10.4 to 10.6.4 (latest models at time of testing) with Bluetooth driver v2.2.4f3 (v1965) or v2.3.7f1. Other versions not tested.



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MODEL	DESCRIPTION	SKU - SINGLE UNIT	SKU - 20 PACK
7E	Class 1 laser	CX2858-1294	CX2859-1295
7NRx	Class 1 laser, durable, antimicrobial	CX2852-1245	CX2842-1148
7M	Class 2 laser	CX2860-1296	CX2861-1297
7P	Class 2 laser, durable	CX2862-1298	CX2863-1299
7X	2D and 1D, durable	CX2849-1242 (HID only) CX2854-1276 (HID + SPP)	CX2853-1271 (HID only) CX2855-1277 (HID + SPP)
7XRx	2D and 1D, durable, antimicrobial	CX2843-1160 (HID only) CX2856-1278 (HID + SPP)	CX2844-1161 (HID only) CX2857-1279 (HID + SPP)

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