

Specification Sheet

PHYSICAL

Wrist Unit Dimensions	103 mm (l) x 47 mm (w) x 12 mm (h) (4.06 x 1.85 x 0.47 inches)
Ring Scanner Dimensions	55 mm (l) x 38 mm (w) x 37 mm (h) (2.17 x 1.50 x 1.46 inches)
Mass	Wrist unit with battery: 104 g (3.68 oz) Ring unit with finger strap: 54.4 g (1.92 oz) Cable: 10.9 g (0.384 oz) Wrist strap with snap-in holder: 51 g (1.8 oz) Total: 220 g (7.78 oz)
Exclusive Ruggedized Liquidmetal® Case Design	Withstands multiple 4 ft (1.2 m) drops to concrete Scratch-resistant IP54 compliant

ENVIRONMENTAL

Operating Temperature	-4 to +140°F (-20 to +60°C)
Storage Temperature	-40 to +158°F (-40 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)

ELECTRICAL

Power Source	1070 mAh rechargeable lithium-ion battery 3.7 V
Expected Battery Life	12,000+ scans (~10 hours under typical usage conditions with <i>Bluetooth</i> connection)
Laser Power (650 nm)	1.7 mW (±0.2 mW)

SCANNER PERFORMANCE

Scanner Type	Motorola (Symbol) SE-955 Class 2 laser
Types of Barcodes Decoded	Linear (1D), Stacked linear composite (RSS-14)
Symbologies Decoded	UPC/EAN, Chinese 2 of 5, Codabar, Code 39, Code 128, Code 93, Code 11, Discrete 2 of 5, GS1 DataBar (RSS), GS1-128 (UCC-128/EAN-128), Interleaved 2 of 5, MSI, VIN, ISBN (Bookland EAN)
Scan Repetition Rate	200 scans/sec bi-directional
Optical Resolution	0.004 inch (0.102 mm) minimum/barcode element width (X Dimension)
Print Contrast	Minimum 25% absolute dark/light reflectance (MRD) measured at 650 nm
Scan Angle	Wide (default): 47° ±3° Narrow: 35° ±3°
Decode Distance*	3.8 to 114+ cm (1.5 to 45+ inches) typical

*Decode distance depends on symbol size, symbology, label media, W-N ratio, scan angle

BLUETOOTH®	Bluetooth Protocol	Bluetooth 2.0 + Enhanced Data Rates (EDR) 2.45 GHz ISM band frequency hopping
	Radio Range	Class 1 Bluetooth: Up to 330 ft (100 m), depending on environment
	Security	128 bit encryption

SOFTWARE	Operating System Support	Windows Mobile 2003/2003SE/5.0 for Pocket PC/Pocket PC Phone Edition Windows Mobile 6 Classic/Professional* Windows CE.NET for Intermec CK3 Windows XP, Windows Vista, 7 RIM BlackBerry Pearl 81xx, Curve 83xx, Bold 9000, Storm 95xx Smartphones Symbian OS for Nokia E61, E61i, E71 Smartphone**
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OPTIONAL ACCESSORIES	Scanning Companion	USB Bluetooth adapter completes your Bluetooth CRS by enabling you to operate with any Windows XP Service Pack 2 (SP2) notebook, tablet or desktop computer with a USB slot. SKU# BL4543-734
	Multi-Bay Charger	Docking station for simultaneously charging up to 8 Bluetooth CRS wrist units or batteries (requires battery adapter, sold separately). Contact Socket for availability.

WARRANTY, SERVICE	Warranty	Ring scanner and wrist unit: One year Straps, cables and accessories: 90 days
	SocketCare™	1 year standard service USA SKU# RS001S-785 EMEA SKU# RS001S-850
	Extended	1 year premium service USA SKU# RS001P-786 EMEA SKU# RS001P-851
	Warranty	3 year standard service USA SKU# RS003S-787 EMEA SKU# RS003S-852
		3 year premium service USA SKU# RS003P-788 EMEA SKU# RS003P-853

REGULATORY COMPLIANCE	Certification/Compliance	Electrical Safety: Certified to CAN/CSA C22.2 No. EN60950-1, EN60825-1, IEC60601 Environmental: IP54, RoHS EMI/RFI: FCC Part 15, Class B Laser Safety: IEC60825-1 Class 2
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SKU	SKU#	Bluetooth Cordless Ring Scanner RS5519-1075 Charger AC4048-1143
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*Windows Mobile 6 Professional support with Bluetooth Serial Port Profile
**Other devices running Symbian OS 9.1 or later may be supported



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