

Specification Sheet

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| 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

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| BLUETOOTH® | Bluetooth Protocol | Bluetooth 2.1 + Enhanced Data Rates (EDR) with support for Secure Simple Pairing (SSP)* 2.45 GHz ISM band frequency hopping |
| | Radio Range | Class 1 Bluetooth: Up to 330 ft (100 m), depending on environment |
| | Security | 56 bit encryption |

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| SOFTWARE | Operating System Support | 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 |
| | (requires Bluetooth Serial Port Profile (SPP)) | RIM BlackBerry Pearl 81xx, Curve 83xx, Bold 9000, Storm 95xx Smartphones Symbian OS for Nokia E61, E61i, E71 Smartphone (other Symbian OS 9.1+ devices may be supported) |

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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. |

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| WARRANTY, SERVICE | Warranty | Ring scanner and wrist unit: One year or 5 million actuations (trigger presses), whichever occurs first Straps, cables and accessories: 90 days |
| | SocketCare™ Extended Warranty | Available separately, please contact Socket OEM Group for more information. |

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| 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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*Bluetooth 2.1 + EDR with support for SSP available only in Revision B or later of the Bluetooth wrist unit.



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