

LI4278 SPECIFICATIONS

Performance Characteristics

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|----------------------------------|
| Skew Tolerance |
| ±65° |
| Pitch Tolerance |
| ±65° |
| Roll Tolerance |
| ±45° |
| Scan Pattern |
| Single bright aiming line |
| Scan Angle |
| Horizontal 35° |
| Scan Speed |
| 547 scans per second |
| Motion Tolerance |
| 25 in./ 63.5 cm per second |
| Light Source |
| LED Class 1 device 617nm (amber) |
| Min. Print Contrast |
| 15% MRD |
| Scans Per Charge |
| Up to 57,000 |
| Hours of Operation |

Per full charge: 72 hours

Utilities

123Scan, Remote Scanner Management (RSM), Scanner Management Services (SMA), Zebra Scanner SDK

User Environment

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| Ambient Light Immunity |
| Max 108,000 lux |
| Operating Temp. |
| 32° F to 122° F/ 0° C to 50° C |
| Storage Temp. |
| -40° F to 158° F/-40° C to 70° C |
| Humidity |
| 5% to 85% RH, non-condensing |
| Drop Specification |
| Over 100 drops at 5 ft./1.5 m at room temperature; survives 6ft./1.8 m drops to concrete |
| Environmental Sealing |
| IP53; Gasket sealed housing withstands dust and can be sprayed clean |
| Bar Code Symbologies |
| UPC/EAN: UPC-A, UPC-E, UPC-E1, EAN-8/JAN 8, EAN-13/JAN 13, Bookland EAN, Bookland ISBN Format, UCC Coupon Extended Code, ISSN EAN Code 128 Including GS1-128, ISBT 128, ISBT Concatenation, Code 39 including Trioptic Code 39, Convert Code 39 to Code 32 (Italian Pharmacy Code), Code 39 Full ASCII Conversion Code 93 Code 11 Matrix 2 of 5 Interleaved 2 of 5 (ITF) Discrete 2 of 5 (DTF) Codabar (NW - 7) Chinese 2 of 5 IATA Inverse 1-D (except all GS1 DataBars) GS1 DataBar including GS1 DataBar-14, GS1 DataBar Limited, GS1 DataBar Expanded |

Wireless Connectivity

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|------------------------------|
| Radio |
| Bluetooth v2.1 Class 2 Radio |
| Data Rate |
| 3.0 Mbit/s (2.1 Mbit/s) |
| Bluetooth v2.1 |

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| Radio Range* |
| 330 ft./100 m (line of sight) |
| * Using presentation cradle configuration |

Physical Characteristics

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|---|
| Dimensions |
| 3.84 in. H x 2.75 in. W x 7.34 in. L 9.8 cm H x 7 cm W x 18.6 cm L |
| Weight |
| 7.9 oz./224 grams |
| Cradle Interface |
| RS232, RS485 (IBM), USB, Keyboard Wedge |
| Color |
| Black; White |
| Battery |
| Rechargeable replaceable battery with 'green sustainability' |

Decode Ranges (Typical Working Ranges**)

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|-----------------------|
| 3 mil |
| Minimum resolution |
| 4 mil |
| 4-10 in./10.2-25.4 cm |
| 5 mil |
| 3-13 in./7.6-33 cm |
| 7.5 mil |

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| 1.5-19 in./ 3.8-48.3 cm |
| 13 mil (100% UPC-A) |
| 1-31 in./2.5-78.7 cm |
| 20 mil |
| 1-42 in./2.5-106.7 cm |
| 26 mil (200% UPC-A) |
| 3-55 in./7.6-140 cm |
| 100 mil (paper) |
| >20 ft./6 m |
| **Ranges are calculated on Code 39 unless otherwise noted |

Regulatory

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|---|
| Technical Requirements |
| EMC FCC Part 15 Class B, ICES 003 Class B, IEC 60601-1-2 Environmental RoHS Directive 2002/95/ EEC Electrical Safety C22.2 No. 60950-1, EN 60950- 1, IEC 60950-1, UL 60950- 1 LED Class 1 |
| Environmental |
| RoHS Compliant |

Warranty

Subject to the terms of Zebra's hardware warranty statement, the LI4278 is warranted against defects in workmanship and materials for a period of: Scanner: thirty-six (36) months, Battery: one (1) month. For the complete Zebra hardware product warranty statement, go to: [http:// www.zebra.com/warranty](http://www.zebra.com/warranty)