

## LI2208

### General Purpose Corded Linear Imager

The LI2208 represents the next generation in 1D scanning and builds on our most popular scanner ever, the LS2208. You get the same reliability and ergonomics of the LS2208, combined with enhanced features such as extended range and support for mobile bar codes. With our best-in-class linear imager, you can count on unparalleled scanning performance on every bar code, every time.



#### THE NEXT GENERATION IN 1D SCANNING

Get the next evolution in 1D bar code scanning and improve productivity in your operations with the LI2208. Virtually any 1D bar code can be captured — including the typical bar codes that are printed on paper labels; electronic bar codes displayed on the screen of a mobile phone, tablet or computer that allows retailers to easily process loyalty cards, mobile coupons and more; and the high density (HD) bar codes commonly used in specialty retail and electronic component manufacturing. A patented optical design achieves an industry leading working range: 13 mil 100% UPC bar codes can be captured from near contact to over 30 in./76.2 cm away, while 26 mil 200% UPC codes can be scanned at 55 in./139.7 cm away. Since bar codes can be captured at extreme angles, scanning is easier than ever, so workers spend less time maneuvering the scanner and more time on task. And an optional stand enables automatic switching between handheld and hands-free modes.

#### IMPROVE PRODUCTIVITY

The LI2208 performance and design features combine to allow your workers to better meet the needs of your business — and your customers. Workers can scan more types of bar codes on more types of surfaces, increasing productivity at the retail Point of Sale (POS), in the warehouse, on the production line in a light industrial manufacturing plant, at event registration, hotel check-in and more.

#### MAXIMUM UPTIME FOR A LOW TCO

Our industry leading all-inclusive affordable service plans help keep your LI2208 bar code scanners in the hands of your workforce

practically every minute of every day. Built-in Comprehensive Coverage protects your scanners from the unexpected, significantly reducing unforeseen repair expenses and delivering service peace of mind.

#### Features

##### Excellent 1D scanning performance

Delivers superior scanning speed and a wide data capture range

##### Captures virtually all 1D bar codes on any surface — including mobile phone displays

Capture bar codes printed on traditional paper labels or displayed on the screen of a mobile phone, tablet or computer

##### Industry-leading working range

Reads 13 mil 100% UPC bar codes from 1 in./2.54 cm to over 30 in./76.2 cm as well as high density codes and extended ranges for greater application flexibility

##### Patented single circuit board construction

Maximizes durability and reduces downtime by removing the most common points of failure

##### Compatible with 123Scan2 and Scanner Management Service (SMS)

Dramatically reduces management time and cost, from initial configuration to day-to-day management; SDK available for custom development

##### Superior motion and angular tolerance

Bar codes can be captured faster, and there is no need to pause during scans

##### International keyboard support

Support for over 90 international keyboards enables easy deployment anywhere in the world

##### Withstands 100+ consecutive drops to concrete and 1,000 consecutive 1.64 ft./ 0.5 m tumbles

Ensures reliable operation despite the inevitable everyday drops to help maximize uptime

##### Flexible modes — handheld and presentation

Gooseneck Intellistand enables presentation scanning and automatic switching between hands-free and handheld operation

##### Built for all day everyday use

A patented single circuit board improves reliability by eliminating connectors and ribbon cables, which are the most common points of failure. You can drop it and use it in dusty and damp environments — and still expect reliable operation.

##### Superior out-of-box experience

New smart auto-host detect cables automatically distinguish which interface is attached, reducing the need to scan multiple parameter bar codes. Over 90 international keyboards are hosted within the scanner making localized set up fast and easy.

**The best-in-class LI2208 linear imager delivers unparalleled performance.**

For more information, visit [www.zebra.com/li2208](http://www.zebra.com/li2208)

# LI2208 SPECIFICATIONS

**Ideal For These Applications:**

**Industries**

- Retail
- Hospitality

## Physical Characteristics

|                           |   |
|---------------------------|---|
| Dimensions                | 6.30 in. H x 2.64 in. W x 3.90 in. L<br>16 cm H x 6.7 cm W x 9.9 cm L   |
| Weight                    | 4.95 oz./140 grams  |
| Voltage and Current       | 5VDC ± 10%<br><165 mA scanning<br><40 mA standby<br><2.5 mA USB suspend<br><4.0 mA low power mode (when enabled, RS232 and Keyboard Wedge only) |
| Power Source              | Host power or external power supply   |
| Color                     | Twilight Black; Nova White  |
| Supported host interfaces | USB, RS232, Keyboard Wedge and IBM RS485  |
| Keyboard Support          | Supports over 90 international keyboards  |

## Performance Characteristics

|                     |                                  |
|---------------------|----------------------------------|
| Skew Tolerance      | ±45°                             |
| Pitch Tolerance     | ±45°                             |
| 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 617mm (amber) |
| Min. Print Contrast | 15% MRD                          |

## User Environment

|                        |  |
|------------------------|--|
| 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 95% RH, non-condensing   |
| Drop Specs             | Over 100 drops at 5 ft./1.5 m at room temperature; survives 6 ft./1.8 m drops to concrete  |
| Tumble Testing         | 1,000 cycles (2000 drops) in 1/2 meter tumbler   |
| Environmental Sealing  | IP42   |
| 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) MSI Chinese 2 of 5 IATA Inverse 1D (except all GS1 DataBars) GS1 DataBar including GS1 DataBar-14, GS1 DataBar Limited, GS1 DataBar Expanded |

## Utilities and Management

|   |
|---|
| 123Scan(2) Scanner Management Services (SMS), Zebra Scanner SDK |
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## Accessories

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| Hands-free (gooseneck) Intellistand; auto-host detect cables |
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## Regulatory

|                        |  |
|------------------------|--|
| 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

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| Subject to the terms of Zebra's hardware warranty statement, the LI2208 is warranted against defects in workmanship and materials for a period of 60 months from the date of shipment. For the complete Zebra hardware product warranty statement, go to: <a href="http://www.zebra.com/warranty">www.zebra.com/warranty</a> |
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## SERVICES

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| Service from the Start with Comprehensive Coverage; Advance Exchange; Enterprise Mobility Software Support |
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## Decode Ranges (Typical Working Ranges\*)

|                     |                         |
|---------------------|-------------------------|
| 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             | 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     |

Decode Ranges (Typical Working Ranges\*)

|                    |             |
|--------------------|-------------|
| 100 mil reflective | >20 ft./6 m |
|--------------------|-------------|



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