PRODUCT SPEC SHEET
SYMBOL LI2208



SYMBOL LI2208

GENERAL PURPOSE CORDED LINEAR IMAGER

The LI2208 represents the next generation in 1-D 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 1-D SCANNING

Get the next evolution in 1-D bar code scanning and improve productivity in your operations with the LI2208. Virtually any 1-D 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.

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.

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 from the moment you purchase the device. And Service from the Start Advance Exchange Support adds next-business- day advance replacement of devices that require repair.

ZEBRA

FEATURES

Excellent 1-D scanning performance

Delivers superior scanning speed and a wide data capture range

Captures virtually all 1 -D 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 123Scan^2 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

For more information, visit www.zebra.com/li2208 or access our global contact directory at www.zebra.com/contact

SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS

Dimensions	6.30 in. H x 2.64 in. W x 3.90 in. L 16 cm H x 6.7 cm W x 9.9 cm L
Weight	4.95 oz./140 grams
Voltage and Current	5VDC ± 10% <165 mA scanning <40 mA standby <2.5 mA USB suspend <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	±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

UTILITIES AND MANAGEMENT

123Scan^2, Scanner Management Services (SMS), Zebra Scanner SDK

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

USER ENVIRONMENT

Ambient Light Immunity	Max 108,000 lux
Operating Temp.	32° F to 122° F/ 0° C to 50° C
Storage Temperature	-40° F to 158° F/-40° C to 70° C
Humidity	5% to 95% RH, non-condensing
Drop Specification	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 1-D (except all GS1 DataBars) GS1 DataBar including GS1 DataBar-14, GS1 DataBar Limited, GS1 DataBar Expanded

ACCESSORIES

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

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

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

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
100 mil reflective	>20 ft./6 m

*** The working ranges were tested under 30 ft.-cd of ambient illumination; ranges are calculated on Code 39 unless otherwise noted**

WARRANTY

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:
www.zebra.com/warranty

SERVICES

Service from the Start with Comprehensive Coverage; Advance Exchange; Enterprise Mobility Software Support

123Scan^2
Programs scanner parameters, upgrades firmware, provides scanned bar code data and prints reports.
www.zebra.com/123Scan2

Scanner Management Service (SMS)
Remotely manages your Zebra scanner and queries its asset information.
www.zebra.com/sms

Scanner SDK
Generates a fully-featured scanner application, including documentation, drivers, test utilities and sample source code.
www.zebra.com/software

ZEBRA

Part number: SS-LI2208-A4. Printed in USA 04/15.©2015 ZIH Corp. ZEBRA, the Zebra head graphic and Zebra Technologies logo are trademarks of ZIH Corp, registered in many jurisdictions worldwide. SYMBOL is a trademark owned by Symbol Technologies, Inc., which is an indirect wholly owned subsidiary of Zebra Technologies Corporation. All rights reserved. All other trademarks are the property of their respective owners.