

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

123Scan², Scanner Management Services (SMS), Motorola Scanner SDK

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

ACCESSORIES

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

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 Symbolologies	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

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
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 Motorola'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 Motorola hardware product warranty statement, go to: <http://motorolasolutions.com/warranty>

SERVICES

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

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

123Scan²

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

Scanner Management Service (SMS)

Remotely manages your Motorola scanner and queries its asset information.
www.motorolasolutions.com/sms

Scanner SDK

Generates a fully-featured scanner application, including documentation, drivers, test utilities and sample source code.
www.motorolasolutions.com/windowsSDK