SYMBOL LS2208

OUR BEST SELLING HANDHELD SCANNER

INCREASED PRODUCTIVITY, LOWER TCO

The LS2208 handheld scanner from Zebra offers high performance scanning at a moderate price point. From the retail point-of-sale to school book checkout, the LS2208 provides fast, reliable scanning in a durable, lightweight form factor, delivering enhanced productivity and efficiency while reducing your total cost of ownership (TCO).

HIGH PERFORMANCE SCANNING — FAST

With aggressive scanning capabilities and a wide working range, the LS2208 accurately captures data fast, helping employees work quickly and efficiently. And you'll be up and running fast, because the LS2208 is easy to deploy and use, thanks to its plug-and-play installation and intuitive, user-friendly design, which requires little or no training. Plus the ergonomic, balanced form factor reduces user fatigue to maximize user comfort.

DURABLE, FUTURE-PROOF CONSTRUCTION

The LS2208 is engineered for continuous, heavy usage all day, every day and has been tested to withstand multiple 5 ft./1.5m drops to concrete. The patented single board construction eliminates a common point of failure the interconnection between multiple boards – and the patented frictionless liquid polymer scan element delivers integral shock protection to further ensure reliable operation. Scratch-resistant tempered glass helps preserve bar code scanning accuracy. Integrated multiple interfaces, universal cable compatibility and support for emerging symbologies provide the investment protection you need to help ensure that the scanner you buy today will work with the system you use tomorrow.

PROVEN QUALITY YOU CAN TRUST

When you choose the LS2208, you receive the added assurance of purchasing a product from Zebra — the global leader in handheld bar code scanning with millions of scanners in use every day by the world's largest retailers worldwide. And since even the most reliable scanners require a support plan, Zebra's Service from the Start Advance Exchange Support provides next-business-day delivery of a replacement device for true service peace of mind. This offering also includes Zebra's unique Comprehensive Coverage, which extends normal wear and tear to cover accidental damage to exit windows, scan elements, housings and more at no extra charge.

For more information about the LS2208 handheld scanner, visit us at **www.zebra.com/ls2208** or access our global contact directory at **www.zebra.com/contact**

SPECIFICATIONS

PHYSICAL CHARACTERISTICS		USER ENVIRONMENT	
Dimensions:	6 in. H x 2.5 in. W x 3.34 in. D	**Operating Temp.:**	32° to 122° F/0° to 50° C

FEATURES

Durable construction: single board construction; meets Zebra's stringent 5 ft. drop tests; scratch-resistant tempered glass exit window

Designed for continuous usage all day, every day; significantly reduces downtime and repair costs

High performance 1-D laser scanner

Accurate first time scanning; always ready for the next scan; increased productivity resulting in shorter check-out lines and better customer service

Wide working range: contact to 17 in./43 cm on 100% UPC/EAN symbols

Improves productivity

Multiple interfaces available

Simplifies installation and integration; future-proof solution helps ensure compatibility with your host/ POS today and tomorrow

Plug-and-play; universal cable; intuitive scanning

Rapid deployment; single cable connects to any computing environment; practically eliminates setup and training time for faster return on investment

Ergonomic and lightweight design

	15.2 cm H x 6.3 cm W x 8.4 cm
Weight:	5.29 oz/150 gm
Voltage and Current:	5 volts +/- 10% at 130 mA typical, 175 mA max
Power Source:	Host power or external power supply
Color:	Cash Register White or Twilight Black

PERFORMANCE CHARACTERISTICS

Scanner Type:	Bi-directional
Light Source:	650 nm visible laser diode
Scan Element Frequency:	50Hz
Scan Rate:	100 scans per second typical
Nominal Working Distance:	See chart below.
Print Contrast:	20% minimum reflective difference
Roll (Tilt): [1]	1 +/- 30 degrees
Pitch: [2]	2 +/- 65 degrees
Skew (Yaw): [3]	3 +/- 60 degrees
Decode Capability:	UPC/EAN, UPC/EAN with Supplementals, UPC/ EAN 128, Code 39, Code 39 Full ASCII, Code 39 TriOptic, Code 128, Code 128 Full ASCII, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Code 93, MSI, Code 11, IATA, GS1 DataBar (formerly RSS) variants, Chinese 2 of 5
Interfaces Supported:	USB, RS232, Keyboard Wedge, IBM 468x/9x

ACCESSORIES

Hands-Free Intellistand™:	20-61019-01R or 20-61019-02R

Storage Temp.:	-40° to 158° F/-40° to 70° C
Humidity:	5% to 95% relative humidity, noncondensing
Drop Specifications:	Unit functions normally after repeated 5 ft./1.5 m drops to concrete
Ambient Lighting	Tolerant to typical artificial indoor and Tolerance: natural outdoor (direct sunlight) lighting conditions. Fluorescent, Incandescent, Mercury Vapor, Sodium Vapor, LED[4]: 450 Ft Candles (4,844 Lux) Sunlight: 8000 Ft Candles (86,111 Lux)
Electrostatic Discharge:	Conforms to 15 kV air discharge and 8 kV of contact discharge

REGULATORY

Electrical Safety:	Certified to UL1950, CSA C22.2 No. 950, EN60950/IEC950
EMI/RFI:	FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Australian SMA, Taiwan EMC, Japan VCCI/MITI/Dentori.
Laser Safety:	CDRH Class II, IEC Class 2
Environmental:	Compliant with RoHS directive 2002/95/EEC

WARRANTY

The LS2208 is warranted against defects in workmanship and materials for a period of 5 years (60 months) from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions. See full warranty for details.

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Reduces user fatigue with sleek, balanced form for maximum user comfort and productivity

Hands-free Intellistand™

Enables presentation scanning and easy switching between hands-free and handheld modes

Advanced Data Formatting (ADF)

Enables users to modify data prior to sending to host computer, reducing costly modifications to the host software

DEPTH OF FIELD

Label Density	**LS2208**	
Paper Label	**English**	**Metric**
Code 39 – 5 mil	2.50” – 6.00”	6.00 – 15.25 cm
Code 39 – 7.5 mil	1.50” – 10.00”	3.80 – 25.40 cm
Code 39 – 10 mil	1.00” – 14.25”	2.54 – 14.25 cm
100% UPC – 13 mil	0 – 17.00”	0 – 43.00 cm
Code 39 – 20 mil	0 – 23.00”	0 – 58.50 cm
Code 39 – 40 mil	0 – 30.00”	0 – 76.00 cm

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