

### Increased productivity, lower TCO

The LS2208 handheld scanner from Symbol Technologies offers high performance scanning at a moderate price point. From the retail point-of-sale and backroom to the patient bedside or 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 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 Symbol — 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 durable scanners require a support plan, Symbol'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 Symbol'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 — virtually eliminating your unforeseen repair expenses.



#### FEATURES

#### BENEFITS

**Durable construction:** single board construction; meets Symbol'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 1D linear 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:** RS232, USB, KBW (keyboard wedge), Wand, IBM 468X/9X, Synapse and Undecoded in one scanner

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; significantly reduces setup and training time for faster return on investment

**Ergonomic, lightweight design**

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



## LS2208 Specification Highlights

### Physical Characteristics

Dimensions:	6 in. H x 2.5 in. W x 3.34 in. D 15.2 cm H x 6.3 cm W x 8.4 cm D
Weight:	5.15 oz./146 gm
Voltage and Current:	5 volts +/- 10% at 130 mA typical, 175 mA max
Power Sources:	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:	From contact to 17 in./43 cm on 100% U.P.C./EAN symbols
Print Contrast:	20% minimum reflective difference
Roll (Tilt): <sup>1</sup>	1 +/- 30 degrees
Pitch: <sup>2</sup>	2 +/- 65 degrees
Skew (Yaw): <sup>3</sup>	3 +/- 60 degrees

Decode Capability:	UPC/EAN, UPC/EAN with Supplementals, UCC/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, RSS variants, Chinese 2 of 5
--------------------	---

Interfaces Supported:	RS232, Keyboard Wedge, Wand, IBM 468X/9X, USB, Synapse and Undecoded
-----------------------	--

### User Environment

Operating Temperature:	32° to 122° F/0° to 50° C
Storage Temperature:	-40° to 158° F/-40° to 70° C
Humidity:	5% to 95% relative humidity, noncondensing
Drop Specification:	Unit functions normally after repeated 5 ft./1.5 m drops to concrete
Ambient Light Immunity:	Immune to direct exposure of normal office and factory lighting conditions, as well as direct exposure to sunlight
Electrostatic Discharge:	Conforms to 15 kV air discharge and 8 kV of contact discharge

### Accessories

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

### 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 LS 2208 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.

1. Roll (Tilt): Controlled by rotating the wrist clockwise or counter-clockwise
2. Pitch Controlled by dropping or raising the wrist
3. Skew (Yaw): Controlled by rotating the wrist from left to right or vice versa

## About Symbol Technologies

Symbol Technologies, Inc., The Enterprise Mobility Company™, is a recognized worldwide leader in enterprise mobility, delivering products and solutions that capture, move and manage information in real time to and from the point of business activity. Symbol enterprise mobility solutions integrate advanced data capture technology, mobile computing platforms, wireless infrastructure, mobility software and world-class services programs. Symbol enterprise mobility products and solutions are proven to increase workforce productivity, reduce operating costs, drive operational efficiencies and realize competitive advantages for the world's leading retailers, transportation and logistics companies, manufacturers, wholesale and distribution centers, government agencies and healthcare facilities. More information is available at [www.symbol.com](http://www.symbol.com)



**CDG** | Computer Peripheral  
and Supplies Ltd.

**Computer Peripheral and Supplies Ltd.**  
244 Soi Phatthanakan 53, Phatthanakan, Suanluang,  
Bangkok 10250 Thailand

Tel : (66) 0-2322-9535, 0-2722-4040, Fax : (66) 0-2322-7990  
Email : [sales.dept@cps.co.th](mailto:sales.dept@cps.co.th), [www.cps.co.th](http://www.cps.co.th)  
[www.facebook.com/cps.co.th](http://www.facebook.com/cps.co.th), LINE ID : @cps.co.th



DS-LS2208 09/06

Part No. DS-LS2208 Printed in USA 09/06 © Copyright 2006 Symbol Technologies, Inc. All rights reserved. Symbol is an ISO 9001 and ISO 9002 UKAS, RVC, and RAB Registered company, as scope definitions apply. Specifications are subject to change without notice. Symbol® is a registered trademark of Symbol Technologies, Inc. All other trademarks and service marks are proprietary to their respective owners. For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Business Partner.