



# Symbol LS4208

## Handheld scanner



### FEATURES

#### Multi-line rastering scan pattern

Improves productivity by reducing the need to rescan bar codes or key in data, resulting in shorter lines at the retail point of sale

#### Superior motion tolerance

Enables end users to quickly move from one bar code to the next without hesitation

#### Wide working range

Reads good quality as well as poor quality codes at similar ranges, reducing the need for the user to move the scanner back and forth

#### Checkpoint Electronic Article Surveillance (EAS)

Offers dual functionality to improve return on investment and save critical counter space

### Increase performance with Motorola's next-generation scanner for customers who value productivity

With the Symbol LS4208 handheld laser bar code scanner, you're able to effortlessly speed throughput, even with bar codes in poor condition. Wherever you need to quickly capture and process data — such as at the retail checkout counter, in pharmacies and hospitals, and in light warehouse environments — this ergonomically designed scanner helps you increase accuracy, improve productivity, cut maintenance costs and reduce the risk of downtime.

### Benefit from innovative features never before delivered by a single scanner

The Symbol LS4208 delivers intuitive, productivity-enhancing functionality that allows even your novice users to speed checkout lines and increase customer satisfaction rates at the retail point of sale, or quickly capture data in light warehouses and medical facilities. Its innovative multi-line rastering scan pattern virtually eliminates the need for end-user training, and lets you scan all types of one-dimensional (1D) bar codes, including damaged symbols or stacked reduced space symbology (RSS) bar codes. In addition, the scanner's 19-inch scanning range and superior motion tolerance gives users greater flexibility to rapidly and accurately capture data from a variety of items without pausing between scans, while recently added faster scanning and decoding capabilities mean employees are able to process more items more rapidly and spend less time keying in data.

### Minimize your chances of downtime

Designed for constant, rigorous use in retail, office and light industrial settings, the Symbol LS4208 provides you with reliability you'll be able to depend on. Along with a 6 ft. drop spec that allows the scanner to keep on running even after dropped repeatedly to concrete, the Symbol LS4208 also offers single circuit-board construction. By eliminating the failure points commonly found with interconnect ribbon cables, this unique design feature helps to lower your total cost of ownership.

### Future-proof your investment

The Symbol LS4208 provides you with next-generation technology today and the adaptability to meet your needs in the future. The scanner's multi-interface and universal cables enable connection to a variety of hosts, allowing you to easily update your systems. And since the Symbol LS4208 is designed for the newest and emerging 1D symbologies such as RSS bar codes, you'll be able to continue using the same device for all your scanning requirements, even though your requirements may change.

### Protect your investment with comprehensive services and support

Even the most durable scanners require a support plan. That's why Motorola's Enterprise Mobility Services cover every aspect of your LS4208 — to ensure all of your support needs are met. Motorola's Service from the Start Advance Exchange Support provides next-business-day delivery of

## SPECIFICATION SHEET

Symbol LS4208

### Durable construction and patented, single circuit-board design able to withstand multiple 6-ft (1.8 m) drops to concrete

Lowers the total cost of ownership by protecting against downtime occurring due to accidental drops

### Plug-and-play setup, intuitive scanning

Enables rapid deployment and immediate use without formal training, allowing new and experienced employees to immediately help improve operational efficiency

### Remote management-ready

Reduces total cost of ownership by enabling remote, network-based device management

### Optional hands-free Intellistand

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

### RSS bar code support

Supports the latest symbologies to future-proof your investment

a replacement device for true service peace of mind. This offer also includes Motorola's unique Comprehensive Coverage, which extends normal wear and tear to cover accidental damage to exit windows, scan elements and more at no extra charge — virtually eliminating your unforeseen repair expenses.

For more information about the Symbol LS4208, please contact us at +1.800.722.6234 or +1.631.738.2400 or visit us on the Web at: [www.symbol.com/ls4208](http://www.symbol.com/ls4208).

## Symbol LS4208 Specifications

Physical characteristics		User environment	
Dimensions:	6.7 in. H x 3.7 in. L x 2.7 in. W 17 cm H x 9.3 cm L x 6.8 cm W	Operating temp.:	32° to 122° F (0° to 50° C)
Weight:	Approximately 6.4 oz. (181 g)	Storage temp.:	-40° to 158° F (-40° to 70° C)
Voltage and current:	5 +/-10%VDC @ 140 mA Stand by: <35 mA	Humidity:	5% to 95% (non-condensing)
Color:	Cash Register White or Twilight Black	Drop specs:	Withstands repeated 6 ft. (1.8m) drops to concrete
Performance characteristics		Ambient light immunity:	Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting conditions
Light source:	650 nm laser diode	EAS support:	Optional Checkpoint EAS
Motor frequency:	50Hz	Regulatory	
Decode rate:	200 decodes per second	Electrical safety:	UL1950, CSA C22.2 No. 950, EN60950/IEC950
Roll: <sup>1</sup>	± 35°	Laser safety:	CDRH Class II, IEC Class 2
Pitch: <sup>2</sup>	± 60°	EMI/RFI:	FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Australian SMA
Yaw: <sup>3</sup>	± 60°	Accessories	
Print contrast:	25% minimum reflectance	Mounting options:	Intellistand with adjustable height of 5 – 10 in. (12.7 – 25.4 cm) and adjustable angle (0° – 90°); Desktop and wall-mount holders also available
Nominal working range:	5 mil (Code 39): 1.5 to 5.5 in. 3.81 to 13.97 cm 13 mil (100% UPC/EAN): 0 to 19 in. 0 to 48.25 cm 10 mil (Code 39): 0 to 14 in. 0 to 35.56 cm 20 mil (Code 39): 0 to 29 in. 0 to 73.66 cm	Power supplies:	Power supplies available for applications that don't supply power over the host cable
Multi-line aiming coverage:	At 5 in. distance: approx. 0.5 in. (1.3 cm) At 10 in. distance: approx. 1 in. (2.5 cm)	Warranty	
Motion tolerances:	Horizontal velocity: 200 in. (508 cm)/second Vertical velocity: 200 in. (508 cm)/second Angular velocity: 200 in. (508 cm)/second	Subject to the terms of Motorola's hardware warranty statement, the LS4208 handheld scanner products are warranted against defects in workmanship and materials for a period of five years from the date of shipment. The Liquid Polymer Scan Element includes a limited lifetime warranty. For the complete Motorola hardware product warranty statement, go to <a href="http://symbol.com/warranty">symbol.com/warranty</a>	
Decode capability:	UPC/EAN and with supplementals, Code 39, Code 39 Full ASCII, Tri-optic Code 39, RSS Variants, UCC/EAN 128, Code 128, Code 128 Full ASCII, Code 93, Codabar (NW1), Interleaved 2 of 5, Discrete 2 of 5 MSI, Codell, IATA, Bookland EAN, Code 32	Recommended Service	
Interfaces supported:	LS 4208 features on-board multiple interface with: RS-232C (Standard, Nixdorf, ICL, & Fujitsu); IBM 468x/469x; Keyboard Wedge; USB (Standard, IBM SurePOS, Macintosh); Laser/Wand Emulation. In addition, Synapse Adaptive Connectivity allows for connectivity to all of the above plus many non-standard interfaces.	Service from the Start Advance Exchange Support	

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



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