

Symbol LS4208 Specifications

Physical characteristics

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
Weight:	Approximately 6.4 oz. (181 g)
Voltage and current:	5 +/-10%VDC @ 140 mA (Stand by: <35 mA)
Color:	Cash Register White or Twilight Black

Performance characteristics

Light source:	650 nm laser diode
Motor frequency:	50Hz
Decode rate:	200 decodes per second
Roll: ¹	± 35°
Pitch: ²	± 60°
Yaw: ³	± 60°
Print contrast:	25% minimum reflectance
Nominal working range:	See chart below.
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)
Motion tolerances:	Horizontal velocity: 200 in. (508 cm)/second Vertical velocity: 200 in. (508 cm)/second Angular velocity: 200 in. (508 cm)/second
Decode capability:	UPC/EAN and with supplementals, Code 39, Code 39 Full ASCII, Tri-optic Code 39, GS1 DataBar (formerly 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
Interfaces supported:	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

User environment

Operating temp.:	32° to 122° F (0° to 50° C)
Storage temp.:	-40° to 158° F (-40° to 70° C)
Humidity:	5% to 95% (non-condensing)
Drop specs:	Withstands repeated 6 ft. (1.8m) drops to concrete
Ambient light immunity:	Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting conditions
EAS support:	Optional Checkpoint EAS

Regulatory

Electrical safety:	UL1950, CSA C22.2 No. 950, EN60950/IEC950
Laser safety:	CDRH Class II, IEC Class 2
EMI/RFI:	FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Australian SMA

Accessories

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
Power supplies:	Power supplies available for applications that don't supply power over the host cable

Warranty

Subject to the terms of Motorola's hardware warranty statement, the Symbol 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 symbol.com/warranty

Recommended Service

Service from the Start Advance Exchange Support

NOTICE: Repairs of this product may require the use of Motorola proprietary parts (and/or Motorola proprietary information). Motorola will sell these parts (and provide this proprietary information) only to end-user customers for self-service. It is Motorola's policy not to sell these parts to third-party service providers and not to allow a third-party service provider to act as an ordering or receiving agent for the parts necessary to repair this product. Applicable in the U.S. For all other countries, please contact your Motorola account manager or the local Motorola Customer Service representative in your area for further details.

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

Depth of Field		
Label Density	LS4208	
Paper Label	English	Metric
Code 39 - 5 mil	1.5 - 5.5"	3.81 - 13.97 cm
Code 39 - 10 mil	0.0 - 14"	0.00 - 35.56 cm
100% UPC/EAN - 13 mil	0.0 - 19.0"	0.00 - 48.25 cm
Code 39 - 20 mil	0.0 - 29.0"	0.00 - 73.66 cm