

Trade Scales Limited

Symbol Scanning Solutions

Symbol LS-4208

Features

- ◆ **1D, PDF and composite code scanning** - Available in both 1D only (SR) and PDF/Composite (PR) configurations to support a wide range of productivity-enhancing applications
- ◆ **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.
- ◆ **Durable construction and patented, single circuitboard design able to withstand multiple 6-ft (1.8 m) drops to concrete** - Lowers the total cost of ownership by protecting against downtime from 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 handsfree and handheld modes
- ◆ **GS1 DataBar (formerly RSS) bar code support** - Supports the latest symbologies to future-proof your investment



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 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 quickly capture data. 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 GS1 DataBar (formerly 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.

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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)
Colour	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	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	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.

Label Density	Depth of Field	
	Imperial	Metric
Paper Label	LS4208	
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