Symbol LS9208

Hands-free omni-directional presentation scanner

FEATURES

High-performance, 100-line rastering omni-directional scan pattern
Increased productivity for novice and expert users resulting in shorter checkout lines, better customer service

Single line scan pattern
Perfect for reading bar code menus and pick lists

Multiple onboard interfaces
Flexible host connectivity protects your hardware investment

Universal cables
Allows for easy replacement and/or upgrades

Small footprint
Fits into the tightest cash/wrap environment

Adjustable multimount stand
Optimize operator comfort and efficiency

Built-in shock absorption
Protects scan module assembly increasing durability

Speed and versatility combine for increased productivity at checkout

The Symbol LS9208 presentation scanner from Motorola delivers both a high-performance processor and an innovative 100-line rastering omni-directional scan pattern for increased productivity at checkout, resulting in higher customer satisfaction. Built for both speed and versatility, the Symbol LS9208 features a small footprint, choice of colors and an optional, adjustable multi-mount stand that is easily adaptable to many point-of-sale environments.

Flexibility to meet the needs of many applications

Streamline a variety of everyday processes in retail and other environments with the Symbol LS9208. In retail operations, such as convenience, grocery, department and specialty stores, the scanner improves throughput at the checkout counter, instantly deactivates EAS security tags and can even help workers identify a product in the back room. In a drug store or pharmacy, the device can also be used to help meet regulatory requirements by verifying prescriptions and managing the administration associated with certain over-the-counter but controlled substances. Employees can quickly scan badges to track time and attendance. And since there is no need to orient the scanner and the bar code, even patrons in a library can scan books in and out — keeping checkout lines moving and check-in bins empty.

Robust new features offer easy set up and reduced costs

With the 123Scan setup utility, programming and configuring the Symbol LS9208 is made easy and minimizes startup time wherever the scanner is used. What's more, multiple onboard interfaces and universal cables further reduce your inventory requirements. For the most investment protection, the Symbol LS9208 also features built-in shock absorption that adds unmatched durability for a scanner in this class. The Symbol LS9208 offers premium features and powerful performance to help you save time and money.

Today's most advanced presentation scanner from a global leader

In many applications, the feature-rich Symbol LS9208 presentation scanner offers aggressive performance, maximum durability and optimal ergonomics to create a more productive POS environment. When you buy the Symbol LS9208, you receive the added assurance of purchasing from Motorola — a company with proven solutions and millions of scanner installations worldwide.

To learn how the Symbol LS9208 presentation scanner can work for you or to find out more about Motorola's products and solutions, access our global contact directory at www.symbol.com/contact or visit us on the web at www.symbol.com/ls9208

Flash memory
Facilitates updates and customization of product in the field

Checkpoint Electronic Article Surveillance (EAS) deactivation option
Integrated antenna saves valuable counter space

Supports 123Scan setup utility
Flexible setup using PC download

Reads Reduced Space Symbology® (RSS)
Compatibility with new symbology leverages your hardware investment

Global Trade Item Number (GTIN) Compliant
Capable of decoding and transmitting 14-digit GTINs, where appropriate

Advanced Data Formatting (ADF)
Enables users to modify data prior to sending to host computer, eliminating costly modifications to the host software

Symbol LS9208 Specifications

Physical Characteristics	
Dimensions: (without stand)	5.51 in. H x 3.49 in. W x 2.96 in. D 14 cm H x 8.8 cm W x 7.5 cm D
Dimensions: (w/ adjustable stand)	7.18 in. H x 4.83 in. W x 3.73 in. D 18.24 cm H x 12.27 cm W x 9.47 cm D
Weight:	Scanner only: 10.2 oz./320 g With adjustable stand: 21.5 oz./670 g
Power Source:	Depending on host: • Host power • External power supply
Voltage:	5.0 VDC ± 10%
Nominal Current:	390 mA
Power:	2 watts
Mounting Options:	Adjustable multi-mount stand
Color:	Cash Register White or Twilight Black
Performance Characteristics	
Light Source:	650 nm visible laser diode
Roll (Tilt)[1]:	Omni-directional: 360° Single-scan line: ± 40°
Pitch[2]:	Omni-directional: ± 50° Single-scan line: ± 60°
Skew (Yaw)[3]:	Omni-directional: ± 50° Single-scan line: ± 50°
Print Contrast:	25% minimum reflective difference
Scan Patterns:	Omni-directional: 20 interlocking lines, 5 scan angles, 4 lines per angle rastering @ 5 Hz Single scan line capability
Scan Rate:	Omni-directional: 1500 scans/second Single scan line: 75 scans/second
Depth of Field:	0 to 9 in./0 to 22.9 cm @13 mil (100% UPC/EAN)
Nominal Working Range:	5 mil: (38%) 1 to 2.5 in./2.5 to 6.4 cm 7.8 mil: (60%) 0 to 6 in./0 to 15.2 cm 10.4 mil: (80%) 0 to 7.5 in./0 to 19 cm 13 mil: (100%) 0 to 9 in./0 to 22.9 cm
Width of Field:	1.6 in./40 mm @ face 6.7 in./170 mm @ 9 in.
Minimum Resolution:	5 mil
Decode Capability:	UPC/EAN/JAN, UPC/EAN w/ Supplementals, UCC/EAN128, Code 128, ISBT 128, Code 39, Trioptic Code 39, Interleaved 2 of 5, Discrete 2 of 5, Code 93, Code 11, Codabar, MSI, RSS variants
Interfaces Supported:	USB, RS232, IBM® 468X/9X, Keyboard Wedge, Wand and Synapse™ (allows connectivity to virtually every POS host type)
User Environment	
Operating Temp.:	32° to 104° F/0° to 40° C
Storage Temp.:	-40° to 158° F/-40° to 70° C
Humidity:	5% to 95% non-condensing
Ambient Light Immunity:	Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, incandescent, mercury vapor and sodium vapor: 450 ft-candles (4,844 lux) Sunlight: 8,000 ft-candles (86,111 lux)
EAS Support:	Optional Checkpoint Electronic Article Surveillance EAS
Regulatory	
Electrical Safety:	Certified to UL 1950, CSA C22.2 No. 950 EN60825
Laser Safety:	CDRH Class IIa Laser Product IEC 60825 Class 1 Laser Product
EMC	CISPR B, FCC B

Warranty

The Symbol LS9208 Omni-directional scanner is warranted against defects in workmanship and materials for a period of 30 months from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions. See the complete 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

The above performance characteristics refer to 100% UPC bar code at 80% contrast located at 4 in./10 cm from nose of the scanner.

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