



# Symbol LS9203i

Hands-free omni-directional presentation scanner



## FEATURES

### Electronic data capture technology

Eliminates manual effort and paper-based data collection errors, reducing costs related to inventory errors and shrinkage while also improving accuracy and speeding POS data collection

### Omni-directional scan pattern

Speeds checkout times and frees employees to serve more customers

### High-performance optics

Delivers superior data capture, even on high density bar codes

### Flexible handheld or hands-free scanning

Saves employees time, lowers equipment costs and reduces injuries caused by heavy lifting

### Durable design

Ensures reliable performance and investment protection by withstanding multiple drops to concrete

## Improve operations with affordable advanced data capture

Easy to use, deploy and maintain, the Symbol LS9203i omni-directional presentation scanner delivers a high-value choice for seamless integration of advanced data capture into your point-of-sale (POS) environment — at an affordable price. Designed to speed the checkout process for customers while improving sales tracking and inventory management, the Symbol LS9203i offers high quality performance that enables your POS employees to work faster and more accurately. And durable construction protects it from the shocks of heavy use, extending the life of your investment.

## Reduce costs and streamline POS activity

The Symbol LS9203i helps you lower costs by eliminating the errors inherent with manual, paper-based sales and inventory tracking. You increase profitability by reducing pricing mistakes, minimizing shrinkage and providing better visibility into fundamental business processes. Because the Symbol LS9203i is both a handheld and a presentation scanner, your employees are able to quickly switch between hands-free and handheld mode to scan bar codes easily, maximizing their productivity. You also help reduce injuries, because your employees and customers don't need to lift or maneuver heavy items for scanning.

## Use right out of the box

The Symbol LS9203i comes complete with cables, and in most cases, all you need to do is simply plug in the device. Any required customized configuration can be completed quickly and easily with a quick scan of a provided set of programming bar codes. Designed with multiple on-board interfaces and universal cables, the Symbol LS9203i provides flexible host connectivity and easy migration to new hosts — without requiring the replacement of scanners.

## Enhance customer service

This easy-to-use scanner allows your employees to work more effectively with customers, no matter how long they've been on the job. Faster checkout, gives workers more time to assist customers. The small footprint leaves plenty of space at the register for "impulse purchase" displays to encourage additional sales. And, with the capability to more accurately track customer behavior, inventory management is improved, ensuring that the right product is stocked at the right time to protect against lost sales.

## Invest in a durable solution

Motorola is known worldwide for producing rugged, high-performance scanning devices. Advances in technology have allowed us to develop a widely

## SPECIFICATION SHEET

SYMBOL LS9203i

Hands-free omni-directional presentation scanner

### Extra loud beeper (85dBA)

Confirms positive decode feedback in noisy environments

### "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

### Multiple interfaces

Provides investment protection by permitting migration to new hosts without replacing scanners

### Universal cables

Lowers total cost of ownership through easy replacement or upgrade; improved abrasion resistance in areas most likely to wear

affordable, durable scanner meeting our commitment to quality and performance. Built for long life in heavy day-to-day use, the Symbol LS9203i is equipped with internal shock mounts that enable it to withstand multiple drops onto concrete and extends the life of the scanner. It also comes with a stand that gives you more versatility.

### The Motorola end-to-end advantage

When you choose the Symbol LS9203i, you enjoy the advantages of a world-class partner channel, world-class management solutions and world-class services. To help protect your investment from the unexpected, Motorola Enterprise Mobility Services recommends Service from the Start Advance

Exchange Support. This multi-year coverage plan provides the next-business-day device replacement you need to keep your businesses running smoothly and productively. And built-in Comprehensive Coverage extends normal wear and tear to cover internal and external components damaged through accidental breakage for no additional charge — significantly reducing your unforeseen repair expenses. Now that's true peace of mind.

For more information, visit us on the Web at [www.motorola.com/LS9203i](http://www.motorola.com/LS9203i) or access our global contact directory at [www.motorola.com/enterprisemobility/contactus](http://www.motorola.com/enterprisemobility/contactus).

## LS9203i Series Specifications

Physical Characteristics	
Dimensions: (without stand)	5.51 in. H x 3.49 in. W x 2.96 in. D 14 cm H x 8.86 cm W x 7.52 cm D
Dimensions: (with stand)	6.13 in. H x 3.93 in. W x 3.93 in. D 15.57 cm H x 9.98 cm W x 9.98 cm D
Weight:	Scanner only: 9.9 oz./282 g With stand: 12.2 oz./379 g
Power Source:	Depending on host: <ul style="list-style-type: none"> <li>• Host power</li> <li>• External power supply</li> </ul>
Voltage <sup>1</sup> :	5.0 VDC ± 10%
Nominal Current:	275 mA
Power:	1.4 watts
Mounting Options:	Fixed-mount stand
Color:	Twilight black
Performance Characteristics	
Light Source:	650 nm visible laser diode
Yaw Tolerance <sup>2</sup> :	± 50°
Pitch Tolerance <sup>2</sup> :	± 50°
Roll Tolerance <sup>2</sup> :	0 to 360°
Print Contrast:	25% minimum reflective difference
Scan Patterns:	Omni-directional; 20 interlocking lines
Scan Rate:	1500 scans/second
Depth of Field:	0 to 8.5 in./0 to 21.6 cm @13 mil (100% UPC/EAN)
Nominal Working Range:	See chart below
Width of Field:	1.6 in./40 mm @ face 6.42 in./163 mm @ 8.5 in.
Minimum Resolution:	4 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, Chinese 2 of 5, Code 93, Code 11, Codabar, MSI, GS1 DataBar (formerly RSS)

Interfaces Supported:	USB, RS232, Keyboard Wedge and Wand
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	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)
Drop Spec.:	Withstands repeated 4 ft./1.2 m drops to concrete
Regulatory	
Electrical Safety:	Certified to UL 1950, CSA C22.2 No. 950
Laser Safety:	CDRH Class IIa Laser Product IEC 60825 Class 1 Laser Product Class IIa Laser Product: avoid long-term viewing of direct laser light
EMC	CISPRB, FCC B, EN60825
Warranty	

The Symbol LS9203i omni-directional scanner is warranted against defects in workmanship and materials for a period of 24 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.

<sup>1</sup> - Does not include cable

<sup>2</sup> - Refers to 100% UPC bar code (80% contrast) located 4 in. (10cm) from the scanner nose

### LS9203i Decode Zone

Label Density	Depth of Field	
	LS9203i	
Paper Label	English	Metric
4 mil - Code 39	1.0" - 2"	2.5 - 5.1cm
5 mil - Code 39	1.0" - 3"	2.5 - 7.6cm
7.8 mil - 60% UPC	0.0" - 6"	0.0 - 15.2cm
10.4 mil - 80% UPC	0.0" - 7"	0.0 - 17.8cm
13 mil - 100% UPC	0.0" - 8.5"	0.0 - 21.6cm



**MOTOROLA**

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