



Symbol LS 6000 Omni-Directional Scanner Series

performance from our aggressive omni-directional scanner while easily converting to a traditional single-line laser scanner for quickly reading bar code menus and pick lists, or when scanning bulky items.

Designed Around the User for Optimum Productivity

The small, lightweight Symbol LS 6000 Omni-Directional Scanner is a true hand-held scanner that has been specifically contoured to minimize fatigue and fit comfortably in the widest range of hand sizes. Overmolded “chin” and “foot” supports allow the unit to be easily picked up, provide added shock absorption when put down, and prevent the Symbol LS 6000 from sliding off the counter. And, despite its elegant appearance, the Symbol LS 6000 has been ruggedized to withstand multiple 4'/1.2 m drops to concrete.

The Symbol LS 6000 also incorporates “Scan Stitching” for superior reading regardless of bar code orientation, and has optimized laser focusing for aggressive reading performance on 100% UPC/EAN symbols from contact to 10"/25 cm. For added user convenience, the unit features a 650 nm laser diode that provides greater visibility of the scan pattern, and a programmable beeper for audible feedback of good decodes.

High-Performance Scanning from the Industry Leader

Aggressive and robust, the Symbol LS 6000 Omni-Directional Scanner Series becomes the ideal productivity tool for your high-volume data capture needs. Additional features such as Flash

memory for easily updating software, Advanced Data Formatting for customizing bar code data before sending it back to the host, and Synapse “smart cable” connectivity for easy configuration to virtually any type of host, make this the ideal scanner for specialty hardgoods retailers, warehouse clubs, DIY home centers, and mass merchandisers.

Symbol is the worldwide leader in bar code-driven data management systems with more than 30,000 wireless network installations and over 6 million scanners and terminals in use. To find out how the Symbol LS 6000 Omni-Directional Scanner Series can work for you, call any of our convenient locations on the back address panel or visit us at www.symbol.com via the Internet.

Summary of Features:

- ▶ Multifunctional Omni-Directional and Single-Line Bar Code Scanning in an Easy-to-Use Hand-Held Ergonomic Form Factor
- ▶ Power from the host capable
- ▶ Synapse Connectivity
- ▶ Scan Stitching
- ▶ Advanced Data Formatting
- ▶ Adjustable Volume and Frequency
- ▶ High Visibility 650 nm Laser Diode
- ▶ Counter Mount Stand and Presentation Stand Options
- ▶ Programmable Trigger Control
- ▶ Optional Checkpoint E.A.S. Support

Superior Ergonomics and Aggressive Scanning for Higher Throughput at POS

The next step in data capture for many retail environments, the Symbol LS 6000 Omni-Directional Scanner Series combines the superior ergonomics and single-line capabilities of our small “point-and-shoot” hand-held scanners with the productivity benefits of our high-performance “can’t miss-first pass” omni-directional scan pattern. The result is an aggressive, yet versatile, hand-held scanner that increases throughput at point of sale for high-volume retail applications.

Available to use as either a hand-held scanner or a presentation scanner, the Symbol LS 6000 offers a unique, ergonomic design. And, to optimize user efficiency, the Symbol LS 6000 is programmable to work in any of three operating modes, including full-time omni-directional scanning with triggered single-line scanning, triggered omni-directional scanning, or triggered single-line scanning. The user benefits with the highest level of

Symbol LS 6000 Scanner Series Specification Highlights

Performance Characteristics

Light Source:	650 nm visible laser diode
Omni-Directional Scan Pattern:	20 interlocking lines, five scan angles, four lines per angle
Omni-Directional Repetition Rate:	1,200 lines per second Depth of field: 0.3"-10"/0.85-25.4 cm (100% UPC/EAN) Roll (Skew): $\pm 360^\circ$ Pitch: $\pm 45^\circ$ Yaw: $\pm 45^\circ$
Single Line Scan Pattern:	One scan line Repetition Rate: 60 lines per second Depth of field: 0"-10"/0-25.4 cm (100% UPC/EAN) Roll (Skew): $\pm 30^\circ$ Pitch: $\pm 65^\circ$ Yaw: $\pm 60^\circ$
Codes Supported:	UPC/EAN/JAN, NW7, Code 128, Code 39 Full ASCII, MSI/Plessey, Interleaved 2 of 5, Discrete 2 of 5, EAN/UCC 128, Code 11, Codabar
Print Contrast:	25% minimum reflectance
Interfaces Supported:	IBM 468X, 469X; RS-232C, Wand Emulation, OCR, OCIA, Fujitsu, ICL, NCR, Nixdorf, Omron, TEC, Sharp, Casio POS and Computer Keyboard Wedges from IBM, DEC Telex, NCR, WYSE, HP and other manufacturers

Physical Characteristics

Dimensions:	7.64" L x 2.72" W x 3.19 D/ 194 mm L x 69 mm W x 81 mm D
Weight:	7.3 oz./207 gm
Durability:	Withstands multiple 4'/1.2 m drops to concrete
Mounting Options:	Counter-mount stand and presentation stand

Specifications are subject to change without notice.
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User Environment

Ambient Light:	Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting conditions Fluorescent: 450 ft.-candles Incandescent: 450 ft.-candles Mercury Vapor: 450 ft.-candles Sodium Vapor: 450 ft.-candles Sunlight: 9,000 ft.-candles
Operating Temperature:	32° to 104° F/0° to 40° C
Storage Temperature:	-40° to 140° F/-40° to 60° C
Humidity:	5% to 95% (noncondensing)
Electrical:	Complies with UL, CSA and VDE; conforms to FCC Class A and Class B Limits
Power:	5.2 VDC $\pm 5\%$ @ 400 mA nominal (2.6 watts nominal)
Laser Safety:	International/European Union Klasse Eins (Class I) Worldwide: IEC 825-1: 993/EN60825-1 1994 Class 1 United States/Canada: CDRH Class IIA United States: DHHS 21 CFR 1040.10 Subchapter J
EMI/RFI/EMC:	United States: 47 CFR FCC Part 15 Subpart B Worldwide CE EN55022: 1994 + A1 CISPR-22, Class B Canada: RSS.210 Class A Limits International/European Union: EMC Directive 89/366/EEC EN 50082-1:1992, EN50141:1993 IEC 1000-4-2:1995/EN61000-4-2:1995 IEC 1000-4-4:1995/EN 61000-4-4:1995 IEC 1000-4-3:1995/EN 61000-4-3:1995
Product Safety:	United States: UL1950, 1995 Canada: CAN/CSA C22.2#950-95 Worldwide: EN 60950:1992 +A1, +A2, +A3 IEC 950/European Union Requirement
E.A.S. Support:	Checkpoint Electronic Article Surveillance EAS (IV, V, VI, VII) compatible



Corporate Headquarters
Symbol Technologies, Inc.
One Symbol Plaza, Holtsville, NY 11742-1300
TEL: 1-800-722-6234/1-516-738-2400
FAX: 1-516-738-5990

International Headquarters
Symbol Technologies International
Symbol Place
Winnersh Triangle
Berkshire, England RG41 5TP
TEL: 44-118-945 7000/FAX: 44-118-945 7500

For Africa
Symbol Technologies Africa, Inc.
Block B2
Rutherford Estate, 1 Scott Street
Waverley 209, Republic of South Africa
TEL: 27-11-4405668/FAX: 27-11-4406191

For Asia & Australia
Symbol Technologies Asia, Inc.
230 Victoria Street
#04-05 Bugis Junction Office Tower
Singapore 188024
TEL: 65-337-6588/FAX: 65-337-6488

For Canada
Symbol Technologies Canada, Inc.
2540 Matheson Boulevard East
Mississauga, Ontario, Canada L4W 4Z2
TEL: 1-905-629-7226/FAX: 1-905-629-9765

For Europe & the Middle East
Symbol Technologies International
Symbol Place
Winnersh Triangle
Berkshire, England RG41 5TP
TEL: 44-118-945 7000/FAX: 44-118-945 7500

For Latin America
Symbol Technologies
7900 Glades Road
Suite 340
Boca Raton, FL 33434
TEL: 1-800-347-0178/1-407-438-1275
FAX: 1-407-483-3922

Symbol World Wide Web Internet Site
For a complete list of Symbol subsidiaries and Certified Business Partners worldwide contact us at:
<http://www.symbol.com>
E-mail: info@symbol.com

