

LS 6000i Omni-Directional Scanner Series



BAR CODE SCANNERS

Superior Ergonomics and Aggressive Scanning for Higher Throughput at POS

The next step in data capture for many retail environments, the LS 6000i Omni-Directional Scanner Series combines the superior ergonomics and single-line capabilities of our small “point-and-scan” 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 LS 6000i offers a unique, ergonomic design. And, to optimize user efficiency, the LS 6000i 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 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 LS 6000i 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 LS 6000i from sliding off the counter. Despite its elegant appearance, scanners in the LS 6000i Series are rugged enough to withstand multiple 4-ft./1.2-m drops to concrete.

The LS 6000i 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 in./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.



Features	Benefits
Omni-directional and single-line scanning	Multi-functional scanner in an easy-to-use hand-held ergonomic form factor
Flash programming capability	Easy to update and reconfigure to accommodate changing application needs
Synapse connectivity	Easy connectivity to most popular host devices
Advanced Data Formatting	Provides capability to modify scanned data before sending it to the host computer
Counter-mount and presentation stand available	Presentation scanning optimizes user comfort and increases throughput
High-visibility 650 nm laser diode	Scan lines are visible in even bright ambient light

High-Performance Scanning from the Industry Leader

Aggressive and robust, the LS 6000i 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 retailers, warehouse clubs, DIY home centers, and mass merchandisers.

Symbol is the worldwide leader in bar code-driven data management systems with millions of scanners and terminals in use and more than 70,000 wireless LAN sites installed. To find out how LS 6000i scanners can work for you, visit

www.symbol.com/barcode

LS 60000i Omni-Directional Scanner Series Specification Highlights

Physical Characteristics	
Dimensions:	7.64 in. L x 2.72 in. W x 3.19 in. D/194 mm L x 69 mm W x 81 mm D
Weight:	7.3 oz./207 gm
Power:	5.2 VDC ±5% @ 400 mA nominal (2.6 watts nominal)
Accessory:	Adjustable IntelliStand with user-adjustable height: 5-10 in./12.7-25.4 cm and angle: 0-90°
Performance Characteristics	
Light Source:	650 nm laser diode
Omni-Directional Scan Pattern:	20 interlocking lines, five scan angles, four lines per angle 1,200 lines per second Depth of field: 0.3-10 in./0.85-25.4 cm (100% UPC/EAN) Roll (Skew): ±360° Pitch: ±45° Yaw: ±60°
Single Line Scan Pattern:	One scan line Repetition Rate: 60 lines per second Depth of field: 0-10 in./0-25.4 mm (100% UPC/EAN) Roll (Skew): ±30° Pitch: ±65° Yaw: ±60°
Print Contrast:	25% minimum reflectance
Decode Capability:	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, RSS codes
Interfaces Supported:	LS 6007i: USB (Standard, SurePos, Macintosh) LS 6005i: IBM 468X, 9X LS 6004i: RS-232C (Standard, Nixdorf, ICL, Omron and Fujitsu) Synapse adaptive connectivity allows all of the above plus: Keyboard Wedge, Laser/Wand Emulation, OCR and OCIA
Durability:	Withstands multiple 4-ft/1.2-m drops to concrete
User Environment	
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)
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
EAS Support:	Checkpoint Electronic Article Surveillance EAS compatible
Regulatory	
Electrical Safety:	United States: UL1950 Canada: CS CSA C22.2 #950 Worldwide EN 60950 A1, A2, A3; IEC 950
Laser Safety:	International/European Union: Klasse Eins (Class I) Worldwide: IEC 825-1: 993/EN60825-1 1994 Class 1 United States/Canada DHHS 21 CFR 1040.10 Subchapter J
EMI/RFI:	United States: FCC Part 15 Subpart B Worldwide: CE EN55022 1994 + A1 CISPR-22, Class B International/European Union: EMC Directive 89/366/EE



Specifications are subject to change without notice.
All product and company names are trademarks, service marks or registered trademarks of their respective owners.

For system, product or services availability and specific information within your country, please contact your local Symbol Technologies office or Business Partner.



Corporate Headquarters
Symbol Technologies, Inc.
One Symbol Plaza,
Holtsville, NY 11742-1300
TEL: 1-800-722-6234/1-631-738-2400
FAX: 1-631-738-5990

For North America, Latin America and Canada
Symbol Technologies
The Americas
One Symbol Plaza
Holtsville, NY 11742-1300
TEL: 1-800-722-6234/1-631-738-2400
FAX: 1-631-738-5990

For Asia Pacific Area
Symbol Technologies Asia, Inc.
(Singapore Branch)
Asia Pacific Division
230 Victoria Street #05-07/09
Bugis Junction Office Tower
Singapore 188024
TEL: 65-6796-9600
FAX: 65-6337-6488

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

For Europe, Middle East and Africa
Symbol Technologies
EMEA Division
Symbol Place, Winnersh Triangle
Berkshire, England RG41 5TP
TEL: 44-118-9457000
FAX: 44-118-9457500



Part No. LO Printed in USA 05/02 ©2002 Symbol Technologies, Inc.
Symbol is an ISO 9001 and ISO 9002 UKAS, RVC, and RAB Registered company, as scope definitions apply.

