

## SPECIFICATION SHEET

SYMBOL LS7808  
Horizontal slot scanner

### Standard Electronic Article Surveillance (EAS) deactivation

Bundles checkout and EAS functions so the cashier can scan once to capture bar codes and deactivate EAS tags simultaneously

### Designed as a replacement for LS5800

Easy to install into standard counter cut-outs; mounts flush with countertop to free up space at the point of sale; leverages lessons learned from the LS5800's decade of deployment to provide the highest levels of durability and reliability

### On-board support for multiple POS interfaces including Keyboard Wedge, RS232, USB, IBM and Motorola's Synapse

Eliminates need to replace scanner if host system is upgraded

### Reduced Space Symbology (RSS) support

Support for this newer standard enhances future proofing

### 3-year warranty

Provides the highest level of warranty support in the slot scanner class

Symbol LS7808. This unique service goes far beyond normal wear and tear to include accidental damage to exit windows, scan elements and more at no additional charge — virtually eliminating unforeseen repair expenses. On-site options are also available, providing maximum response and minimum service interruption.

For more information on how the Symbol LS7808 can enhance customer satisfaction by increasing cashier productivity and speeding service at the point of sale, contact us at +1.800.722.6234 or +1.631.738.2400, or visit us on the web at: [www.symbol.com/LS7808](http://www.symbol.com/LS7808)

## Symbol LS7808 Specifications

### Physical Characteristics

Dimensions:	6 in. W x 6 in. L x 3.1 in. H 152 mm W x 152 mm L x 79 mm H
Weight:	1.9 lbs/0.85 kg
Voltage and Current:	5.0 Volts ± 5% @ 450mA (Nominal)
Light Source:	670 nm visible laser diode

### Performance Characteristics

Scan Pattern:	18 interlocking scan lines
Scan Rate:	1,800 scan lines per second
Motor Speed:	5,500 RPM
Depth of Field:	0 to 6 in./0 to 15cm, UPC/EAN 100%
Min. Resolution:	5 mil
Typical Working Range:	5 mil: (38%) 0 – 0.5 in. / 1.27 cm 7.8 mil: (60%) 0 – 4 in. / 10.16 cm 10.4 mil: (80%) 0 – 5 in. / 12.7 cm 13 mil: (100%) 0 – 7 in. / 17.78 cm
Decode Capability:	UPC-A, UPC-E, UPC-E1, EAN 8/13, JAN 8/13, UPC/EAN with Supplementals, Code 39, Code 39 Full ASCII, Interleaved 2 of 5, Discrete 2 of 5, Code 128, UCC/EAN 128, ISBT 128, Codabar/NW7, Code 93, Code 11, RSS Variants
Interfaces Supported:	Each Symbol LS7808 features on-board multiple interface supporting: RS-232C (Standard, Nixdorf, ICL, & Fujitsu); IBM 468X/469X; Keyboard Wedge; USB (Standard, IBM SurePOS, Macintosh); Synapse (allows for connectivity to all of the above plus many non-standard interfaces)
Roll:	360°
Pitch:	-30° to 60°

Yaw:	± 45°
Min Bar Code Width:	0.127 mm (5mil)
<b>User Environment</b>	
Operating Temp.:	32° to 104° F/0° to 40° C
Storage Temp.:	-40° to 140° F/-40° to 60° C
Humidity:	5% to 95%, non-condensing
Ambient Light Immunity:	Up to 450 ft. candles/4,844 lux
EAS Support:	All units provide connectivity to Checkpoint Electronic Article Surveillance (EAS)
<b>Regulatory</b>	
Electrical Safety:	UL 60950-1, CSA C22.2 No. 60950-1, EN 60950-1, IEC 60950-1
Laser Safety:	21CFR1040.10 Class IIa, EN 60825-1, IEC60825-1 Class1
EMI/RFI:	FCC Part 15 Class B, ICES-003 Class B, EN 55022 Class B, EN 55024
Environmental:	RoHS compliant, 2005 Sunrise compliant, WEEE compliant
<b>Accessories</b>	
Mounting:	Stainless steel in-counter mounting bracket
Other:	Replacement glass and bezel (standard glass only)
<b>Warranty</b>	
Subject to the terms of Motorola's hardware warranty statement, the Symbol LS7808 is warranted against defects in workmanship and materials for a period of three (3) years from the date of shipment. For the complete Motorola hardware product warranty statement, go to: <a href="http://www.symbol.com/warranty">www.symbol.com/warranty</a>	



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[motorola.com](http://motorola.com)

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