

LS5800

symbol
The Enterprise Mobility Company™

FIXED-MOUNT SCANNER

Fast, aggressive mini-slot scanner increases productivity and improves customer satisfaction

The LS5800 omni-directional, in-counter mini-slot scanner from Symbol Technologies provides high throughput and first-pass read rates to speed customers through checkout.

The combination of hands-free scanning and aggressive performance provides fast, accurate scanning with minimal cashier effort. The end result is quicker and more productive checkout operations and satisfied customers.

Superior performance, high reliability and secondary scanner input

Ideal for the demanding requirements of point-of-sale scanning, the in-counter LS5800 offers excellent throughput and high reliability. Standard features such as scan stitching and sophisticated decode algorithms further boost the scanning productivity.

For applications with mixed merchandise sizes, you can connect a secondary handheld scanner to the LS5800, which gives you the flexibility to scan large and oversize items at checkout while still benefiting from the LS5800's high throughput for small to medium size items.

And with more than 200,000 installed worldwide, you can be confident that the LS5800 will provide you with the continuous, reliable scanning performance that you depend on for your critical point-of-sale needs.

A profile to fit your POS profile and specific requirements

The LS5800 has been designed with your valuable checkout space in mind, offering a small footprint while maintaining a large scanning field for greatest ease of use. Since the scanner is installed into the checkout counter and is flush with the surface, it is easy to slide items across the scanning window.

The LS5800 features advanced optics, such as a dense, omni-directional scan pattern, for reading bar codes presented perpendicular or at an angle to the scan window. As a result, cashiers save both time and motion, because there's virtually no need to tilt bottles, cans or other items towards the scan window - cashiers simply pass the merchandise over the counter-top.



Features	Benefits
Aggressive first-pass read rate for excellent performance on low-contrast, damaged and poorly printed symbols	Fast scanning speeds shoppers through check-out
Omni-directional, dense scan pattern reduces movement needed to scan bar codes	Reduces need for operators to manipulate items, increases user comfort and speeds up customer throughput
Electronically erasable flash memory	Ensures that the LS5800 are easily upgraded on site
Hand-held laser scanner connectivity to Symbol scanners	Ideal for retail environments where a hand-held scanner is often needed for oversized or heavy merchandise
Optional Electronic Article Surveillance (EAS) with interlock feature integrates bar code scanning and security tag deactivation in a single action	Saves times by eliminating the need to activate security tag in a separate step; increases effectiveness of security system and maximizes valuable point-of-sale counter space
Synapse "smart cable," a Symbol exclusive, connects the LS5800 to most popular POS host systems	One POS scanner is compatible with multiple host systems, eliminating the need for costly scanner upgrades when migrating across host environments; simplifies logistics and equipment management
Scanners go into automatic sleep mode when not in use, but "wake up" at the pass of a bar code	Reduces power demand and extends scanner life
Adjustable beeper volume and frequency	Adjusts to ambient noise levels; different frequencies distinguish check-outs to avoid cashier confusion

To prevent damage from continued scanning of cans and other hard metal items, the LS5800 is available with scratchproof glass designed into a stainless steel assembly - ideal for grocery and hardware applications. Additionally, an Electronic Article Surveillance (EAS) version is available for deactivation of EAS tags.

LS5800 Mini Slot Scanner Specification Highlights

Physical Characteristics	
Dimensions:	6 in. W x 6 in. L x 3.0 in. H 152 mm W x 152 mm L x 76 mm H
Weight:	2.4 lbs/1.1 kg.
Power:	5.0 Volts ±5% @ 600 mA
Mounting Options:	in-counter
Performance Characteristics	
Light Source:	670 nm visible laser diode
Scan Pattern:	18 interlocking scan lines
Scan Rate:	1,800 repetitions per scan
Depth of Field:	0 to 6 in./0 to 15 cm, UPC 100%
Roll, Pitch, Yaw:	360°, 0 to 90°, ±45°
Decode Capability:	UPC/EAN/JAN, Code 39, Code 128, EAN/UCC 128, Interleaved 2 of 5, Codabar, UPC/EAN/JAN
Interfaces Supported:	IBM 468X, 469X; RS-232; Synapse Keyboard Wedge; USB
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 Immunity:	450 ft. candles/4,844 lux
Regulatory	
Electrical Safety:	Certified to UL1950, CSA C22.2 No. 950, EN60950/IEC950
Laser Safety:	CDRH Class IIa, IEC Class 1
EMI/RFI:	FCC Part 15 Class A, ICES-003 Class A, European Union EMC Directive, Australian SMA

CN410 CE



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