

BAR CODE SCANNERS

Superior Investment Protection and Maximum Productivity

The innovative LS 2200 Series of handheld scanners from Symbol Technologies delivers performance features at an affordable price to make your buying decision easier than ever. If you're seeking investment protection in a scanner that's small and light enough for maximum productivity, then the LS 2200 Series is the ideal scanner for you.

From the checkout line to the back room, the LS 2200 Series helps you make the most of your application-specific solution in a variety of ways including:

- ▶ **Retail:** Point of sale; in store inventory tracking
- ▶ **Healthcare:** Pharmacy; inventory control
- ▶ **Education:** Book checkout; inventory and asset tracking

Powerful Features Help You Get Started Fast and Reduce Costs

Getting started with the LS 2200 is fast and simple with 123Scan setup utility. This easy-to-use tool reduces start-up time and costs wherever the scanner is used. What's more, the scan element in the LS 2200 Series is based on liquid injection molded polymer (LIM) with integral shock protection, providing durability you can count on and a limited lifetime warranty. These powerful features enable you to reduce downtime and keep maintenance costs to a minimum.

Create a More Productive Mobile Environment

In any industry, the high-value LS 2200 Series of handheld scanners offers superior performance, excellent reliability and user-friendly ergonomics to create a more productive mobile environment. And when you choose the LS 2200 Series, you receive the added assurance of purchasing from Symbol—a company with proven solutions and millions of scanner installations worldwide.

To learn how the LS 2200 Series can work for you or to find out more about Symbol's products and solutions, contact us at +1.800.722.6234 or +1.631.738.2400, or visit www.symbol.com/ls2200



Features	Benefits
Scan element based on LIM technology	Durability you can count on with a lifetime warranty
Ergonomic design	Reduces user fatigue with sleek, balanced form
Bright LED and beeper with adjustable volume	Multiple modes of confirmation ensure positive user feedback
Multiple interfaces on-board	Ensures flexible connectivity, allowing for host "future proofing"
Advanced Data Formatting (ADF) enables users to modify data prior to sending to host computer	Eliminates costly modifications to the host software
Flash memory	Facilitates updates/customization of product in the field
Reduced Space Symbology® (RSS)	Helps you leverage your hardware investment
Variable scan line	Reduces scanning errors for bar codes in pick lists or on shelves that are very close together
Working range: contact to 16 in./40 cm on 100% UPC	Improves user productivity
Fast performance	Reads 100 scans per second
Super fast automatic gain control (AGC) design and high-performance microprocessor	Offers the fastest decode of any single line handheld scanner in its class (under 30ms)
Universal cables for sharing	Allows for easy replacement and/or upgrades
Hands-free stand (optional)	Enables presentation scanning and easy switching between hands-free and handheld modes



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LS 2200 Series Specification Highlights

Physical Characteristics	
Dimensions:	6 in. H x 2.5 in. W x 3.34 in. D 15.2 cm H x 6.3 cm W x 8.4 cm
Weight:	5.15 oz./146 gm
Voltage:	5 volts +/- 10%
Power Sources:	LS 2200: Power supplied by interface controller LS 2208: Host power or external power supply
Color:	Cash Register White or Twilight Black

Performance Characteristics	
Scanner Type:	Bi-directional
Light Source:	650 nm visible laser diode
Scan Rate:	100 scans per second typical
Nominal Working Distance:	From contact to 16 in./40 cm on 100% UPC symbols
Print Contrast:	20% minimum reflective difference
Decode Capability:	UPC/EAN, UPC/EAN with Supplementals, UCC/EAN 128, Code 39, Code 39 Full ASCII, Code 39 TriOptic, Code 128, Code 128 Full ASCII, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Code 93, MSI, Code 11, IATA, RSS variants, Chinese 2 of 5.
Interfaces Supported:	LS 2200: Determined by interface controller LS 2208: TTL RS232, RS232, Keyboard Wedge, Wand, IBM 468X/9X, USB, and Synapse

User Environment	
Operating Temperature:	32° to 122° F/0° to 50° C
Storage Temperature:	-40° to 158° F/-40° to 70° C
Humidity:	5% to 95% relative humidity, noncondensing
Drop Specification:	Unit functions normally after repeated 5 ft./1.5 m drops to concrete
Ambient Light Immunity:	Immune to direct exposure of normal office and factory lighting conditions, as well as direct exposure to sunlight
Electrostatic Discharge:	Conforms to 15 kV air discharge and 8 kV of contact discharge

Accessories	
Hands-Free Intellistand (Optional):	20-61019-01

Regulatory	
Electrical Safety:	Certified to UL1950, CSA C22.2 No. 950, EN60950/IEC950
EMI/RFI:	FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Australian SMA, Taiwan EMC, Japan VCCI/MITI/Dentori.
Laser Safety:	CDRH Class II, IEC Class 2

Warranty

The LS 2200 Series is warranted against defects in workmanship and materials for a period of 5 years (60 months) from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions. The scan element is covered by Symbol's limited lifetime warranty. See the complete warranty for details.



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