

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. To further save you money, 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



2005 Sunrise Date Compliant

Features	Benefits
Scan element based on LIM technology	Durability you can count on with a lifetime warranty
Working range: from contact to 17 in./43 cm on 100% UPC/EAN symbols	Improves user productivity
Multiple interfaces on-board	Ensures flexible connectivity, allowing for host "future proofing"
Fast performance	Reads 100 scans per second
Reduced Space Symbology® (RSS)	Helps you leverage your hardware investment
Global Trade Item Number (GTIN) Compliant	Capable of decoding and transmitting 14-digit GTINs, where appropriate
Advanced Data Formatting (ADF) enables users to modify data prior to sending to host computer	Eliminates costly modifications to the host software
Universal cables for sharing	Allows for easy replacement and/or upgrades
Bright LED and beeper with adjustable volume	Multiple modes of confirmation ensure positive user feedback
Flash memory	Facilitates updates/customization of product in the field
Hands-free stand (optional)	Enables presentation scanning and easy switching between hands-free and handheld modes
Ergonomic design	Reduces user fatigue with sleek, balanced form

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%
Current:	130 mA typical, 175 mA max
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 17 in./43 cm on 100% UPC/EAN symbols
Print Contrast:	20% minimum reflective difference
Roll (Tilt): ¹	+/- 30 degrees
Pitch: ²	+/- 65 degrees
Skew (Yaw): ³	+/- 60 degrees
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
Interfaces Supported:	LS 2200: Determined by interface controller LS 2208: 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
Drip 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

1. Roll (Tilt): Controlled by rotating the wrist clockwise or counter-clockwise
2. Pitch Controlled by dropping or raising the wrist
3. Skew (Yaw): Controlled by rotating the wrist from left to right or vice versa

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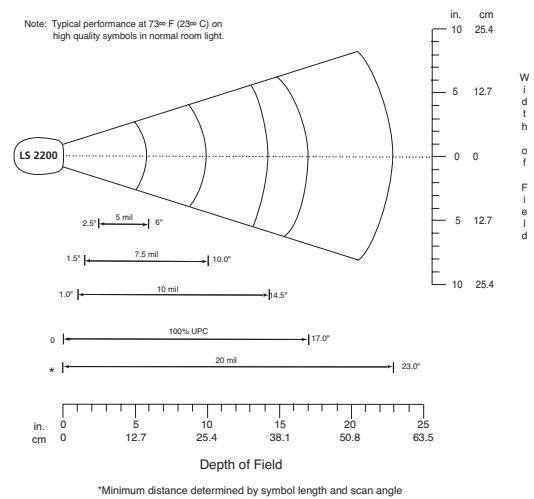
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Accessories	
Hands-Free Intellistand (Optional):	20-61019-01
Regulatory	
Electrical Safety:	Certified to UL1950, CSA C22.2 No. 950, EN60950/IEC950
EMI/RFI:	FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Australian SMA, Taiwan 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.



LS 2200 Series Decode Zone



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

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