HotShot™ LS 2100

symbol®

Smart Line

BAR CODE SCANNERS

Excellent Performance and Superior Ergonomics at an Affordable Price

The ergonomically designed HotShot LS 2100 Series of scanners are the best-value hand-held scanners in their class. HotShot's scanning, host connectivity, and software feature set are ideal for office automation functions and for scan-intensive applications in sporting goods stores, video rental establishments and music/CD stores.

Based on an award-winning design, scanners in the LS 2100 Series are comfortable and easy to use, even for extended time periods. Weighing less than 5.6 oz./160 gm, the optimal handle size and soft-touch trigger minimize operator fatigue and boost productivity. Optional hands-free stands deliver the flexibility to operate as a presentation scanner. Backed by Symbol's five-year plus warranty, HotShot offers the high quality and consistent reliability that users have relied on for over 25 years.

Best-in-Class Performance

The HotShot is intuitive and easy to use. A large two-color LED and adjustable volume beeper provide positive feedback. The protective overmolded canopy absorbs impact, protects the exit window from damage and prevents it from sliding off the counter.

Available in decoded and undecoded versions, HotShot offers impressive features such as Flash memory, RSS decode capability, Advanced Data Formatting (ADF) and support for 123Scan a Windows®-based scanner set up utility. The HotShot can be programmed via PC download, or by scanning a sequence of bar codes in the product guide.

The LS 2100 has an excellent scanning range and a large "sweet spot" that reads 13 mil (100% UPC/EAN) bar codes from 0 to 17 in./0 to 43 cm—ideal for scanning large or bulky items in the bottom of the cart at point of sale. Multiple on-board interfaces: RS-232, Keyboard Wedge, Wand Emulation, IBM 468X/469X, USB and Synapse plus universal cabling provide connectivity to virtually any host.

Look to Symbol Smart Line for Enhanced Performance and Incomparable Value

Look to Symbol for enhanced performance and incomparable value engineered to provide the top performance of any laser scanner in its class, the Symbol HotShot LS 2100 Scanner Series is your best choice when you need a dependable scanner at an affordable price. To find out more about how your company can improve productivity with the LS 2100 scanner, contact any of the locations listed on the back or visit us at **www.symbol.com/scanners**

FIVE YEAR PLUS
5+
WARRANTY

Features	Benefits
Ergonomic "aim-and-shoot" design is intuitive to use	Minimizes operator training
High performance scanning	Reliably reads 100% 13 mil UPC/EAN bar codes out to 17 in./43 cm
Large 2-color LED and beeper with adjustable volume	Provides positive user feedback
Multiple interfaces on-board	Flexible connectivity allowing for host "future proofing"
Supports 123Scan scanner setup utility	Flexible setup using PC utility download, or by scanning a sequence of bar codes
Flash memory	Facilitates updates/customization of product in the field
Reads Reduced Space Symbology (RSS)	RSS readiness preserves your hardware investment
Advanced Data Formatting (ADF)	Enables users to format data before it is sent to the host computer eliminating costly modifications to host software
Mylar® scan element	Unsurpassed scanning performance without friction or wear; covered by a lifetime warranty
Optional hands-free stand	Enables automatic presentation scanning
Universal cables	Shares cabling with other Symbol scanners for easy replacement and/or upgrades

LS 2100 Specification Highlights

Physical Characteristics

Dimensions:	6.7 in. H x 3.4 in. D x 2.8 in. W/16.7 cm H x 8.5 cm D x 7.0 cm W
Weight:	5.6 oz./160 gm without cable
Voltage:	LS 2100: 4.75-14 VDC; LS 2108: 5 VDC ±10%
Current:	LS 2100: 100 mA @ 5V; LS 2108: 140 mA Typical, 200 mA max.
Power Sources:	LS 2100: Power supplied by Interface controller LS 2108: Host power or external power supply
Color:	Cash Register White (shown) or Twilight Black

Performance Characteristics

Scanner Type:	Bidirectional, retrocollective
Light Source:	650 nm visible laser diode
Scan Rate:	35 ± 5 scans per second
Nominal Working Distance:	5 mil: 1.1 to 4.2 in./2.8 cm to 10.7 cm 13 mil (100% UPC/EAN): 0 to 17 in./0 to 43 cm
Print Contrast:	20% minimum reflective difference
Roll:	±55° at 6 in. on 100% UPC/EAN
Pitch:	±50° at 6 in. on 100% UPC/EAN
Yaw:	±35° at 6 in. on 100% UPC/EAN
Decode Capability:	LS 2100: Determined by interface controller; LS 2108: 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, RSS variants
Interfaces Supported:	LS 2100: Determined by interface controller LS 2108: RS-232, Keyboard Wedge, Wand Emulation, IBM 468X/469X, USB and Synapse

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% 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 rating per IEC 801-2

Optional Accessories

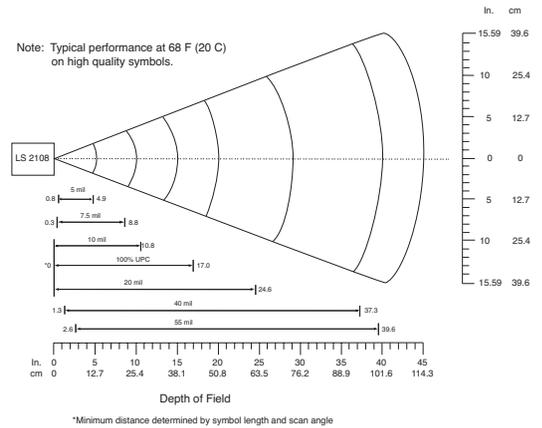|	
Hands-Free Presentation Stand:	21-33324-01
Hands-Free Intellistand:	20-54090-01
Desktop/Countertop Stand:	21-33323-01

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
Laser Safety:	CDRH Class II, IEC Class 2

LS 2108 Decode Zone

Width of Field in Inches (cm)

Note: Typical performance at 68 F (20 C) on high quality symbols.

Depth of Field

*Minimum distance determined by symbol length and scan angle

Warranty

The LS 2100 Series is warranted against defects in workmanship and materials for a period of 60 months from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions. The Mylar® scan element is covered by Symbol's limited lifetime warranty. The mylar consists of a mylar strip, frame, mirror assembly, and magnet. See the complete warranty for details.

FIVE YEAR PLUS 5+ WARRANTY

N410 CE

CAUTION
LASER LIGHT—
DO NOT STARE INTO BEAM
630nm-680nm LASER
1.0 MILLIWATT MAX. OUTPUT
CLASS II LASER PRODUCT

symbol®
BUSINESS PARTNER

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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