



Symbol HotShot™ LS 2100 Scanner Series

Exceptional Value in Scanning Performance



Excellent Performance and Superior Ergonomics at an Affordable Price

At the high end of Symbol's "Smart Line" of ergonomically designed hand-held scanners, the Symbol HotShot LS 2100 Scanner Series are the best-value hand-held scanners in their class. HotShot's scanning, host connectivity, and software feature set is ideal for a wide range of specialty hand-held laser scanning applications, such as video rental establishments, music/CD stores, sporting goods, office automation functions, or as an attachment to a portable terminal for inventory and/or mobile applications.

Continuing the Symbol tradition of award-winning design, the HotShot scanner is comfortable and easy to use, even for extended time periods. Weighing less than six ounces/168 gm, the HotShot's optimal handle size and soft-touch trigger minimize operator fatigue and boost productivity. Backed by the trusted Symbol name, HotShot offers the same high quality and consistent reliability that users have relied on for over 20 years.

Best-of-Class Performance

Available in decoded and undecoded versions, HotShot offers an impressive list of features to meet the requirements of specialty hand-held scanning applications:

- ▶ Ergonomic "aim-and-shoot" design is intuitive to use and minimizes operator training.
- ▶ HotShot's excellent scanning range and large "sweet spot" reads UPC/EAN bar codes from contact to 11 inches/27.8 cm, and 5 mil high-density bar codes from 0.5"/1.3 cm to 2.5"/6.4 cm.
- ▶ The heart of the HotShot Scanner is Symbol's acclaimed SE 1200 Series Scan Engine. Advanced bar code reading capability includes a variety of bar code sizes, and even poorly printed and low-contrast symbols.
- ▶ Symbol's patented Mylar® scan element eliminates wear providing years of dependable performance, and uses less power, extending battery life in portable applications.

- ▶ In addition to the onboard RS-232 or Keyboard Wedge interfaces, Symbol's exclusive Synapse® "Smart Cable" offers connectivity to virtually any host type by a simple cable change.
- ▶ HotShot's gold-coated optics increase first-pass read rates in a variety of lighting conditions.
- ▶ Protective elastomeric rubber overmolds absorb impact, provide easy pickup and prevent the HotShot from sliding off the counter, allowing for years of durable and reliable scanning service.
- ▶ Optional Hands-Free Stand is available for fixed-mount scanning of smaller items, especially useful at the point of sale.

Look to Symbol Smart Line 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. The world leader in portable scanning solutions with more than 5 million scanners and terminals installed worldwide, Symbol Technologies offers solid scanning solutions for all your business needs.

SMART LINE

THE SMART CHOICE FOR VALUE, QUALITY AND PERFORMANCE

LS 2100 Specification Highlights

Physical Characteristics

| | |
|----------------|--|
| Dimensions: | 6.7" H x 3.4" D x 2.8" W/167 mm H x 85 mm D x 70 mm W |
| Weight: | 5.5 oz./156 gm without cable |
| Regulatory: | Complies with UL, CSA, VDE, CE, FCC Class A and B Limits |
| Laser Class: | CDRH Class II, IEC 825 Class II, IEC 825 Class I |
| Voltage: | LS 2100: 4.75-14 VDC; LS 2104: 5 VDC $\pm 10\%$; LS 2106: 5 VDC $\pm 10\%$ |
| Current: | LS 2100: 99 mA @ 5V; LS 2104: 120 mA Typical, 160 mA peak; LS 2106: 120mA Typical, 180 mA peak |
| Power Sources: | LS 2100: Power supplied by Interface controller; LS 2104: Host power or 9 volt battery which yields over 10,000 scans. LS 2106: Host power or optional power supply is available |
| Cable: | Removable 6'/1.8 m Straight Cable |

Performance Characteristics

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|---------------------------|---|
| Scanner Type: | Bi-Directional, Retrocollective |
| Light Source: | 670 nm visible laser diode |
| Scan Rate: | 36 \pm 3 scans per second |
| Nominal Working Distance: | Contact to 23"/57.5 cm |
| Field Width: | 25"/62.5 cm at 23"/57.5 cm from nose of scanner |
| Usable Scan Angle: | 45° |
| Print Contrast: | 20% minimum reflective difference |
| Roll: | $\pm 55^\circ$ at 6" on 100% UPC/EAN |
| Pitch: | $\pm 50^\circ$ at 6" on 100% UPC/EAN |
| Yaw: | $\pm 35^\circ$ at 6" on 100% UPC/EAN |
| Decode Capability: | LS 2100: Determined by Interface; LS 2104/LS 2106: UPC/EAN, UPC/EAN with supplementals, UCC/EAN 128, Code 39 Full ASCII, Code 128, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Code 93, MSI/Plessey |



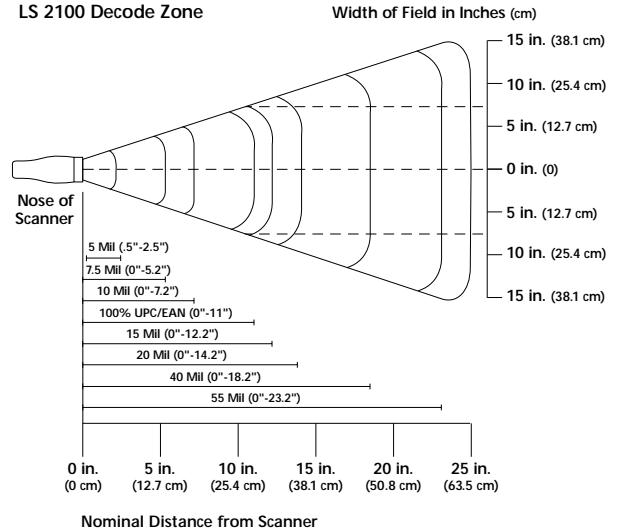
User Environment

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|--------------------------|--|
| 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'/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 |
| EMI Generation: | Conforms to FCC Class A Limits |
| Electrostatic Discharge: | Conforms to 15 KV rating per IEC 801-2 |

Optional Accessories

Hands-Free Presentation Stand, Desktop/Countertop Stand, Battery Box

LS 2100 Decode Zone



Warranty: Symbol's LS 2100 Scanner Series is warranted against defects in workmanship and materials for a period of 24 months from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions.

Specifications are subject to change without notice. HotShot is a trademark and Synapse is a registered trademark of Symbol Technologies, Inc. Mylar is a registered trademark of the DuPont Company.



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