

## Smart Line

### BAR CODE SCANNERS

#### Excellent Performance and Superior Ergonomics at an Affordable Price

At the high end of the Symbol “Smart Line” of ergonomically designed hand-held scanners, the HotShot LS 2100 Series Scanners are the best-value hand-held scanners in their class. HotShot’s scanning, host connectivity, and software feature set are 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 6 oz./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 25 years.

#### Best-of-Class Performance

Available in decoded and undecoded versions, HotShot offers impressive features to meet the requirements of specialty hand-held scanning applications. Detailed attention to the ergonomic “aim-and-shoot” design means it is intuitive to use and minimizes operator training. Its excellent scanning range and large “sweet spot” reads UPC/EAN bar codes from contact to 11 in./27.8 cm and 5 mil high-density bar codes from 0.5 in./1.3 cm to 2.5 in./6.4 cm. At 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, 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. An optional hands-free stand is available for fixed-mount scanning of smaller items, especially useful at the point-of-sale.



| Features   | Benefits   |
|--|--|
| Ergonomic “aim-and-shoot” design is intuitive to use | Minimizes operator training  |
| SE 1200 Series scan engine                           | Provides advanced scanning performance in a variety of bar codes sizes |
| Mylar scan element                                   | Eliminates wear for years of dependable performance                    |
| Synapse “Smart Cable”                                | Offers connectivity to any host by a single cable change               |
| Protective elastomeric rubber overmolds              | Absorbs impact, provides easy pickup and prevents counter slideoff     |
| Optional hands-free stand                            | Useful for point-of-sale applications                                  |

#### 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 millions of scanners and terminals installed worldwide, Symbol Technologies offers solid scanning solutions for all your business needs.

To find out how your company’s workforce can be more productive using the LS 2100, visit us at [www.symbol.com/barcode](http://www.symbol.com/barcode)

# 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:        | 5.5 oz./156 gm without cable   |
| 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<br>LS 2104: Host power or 9 volt battery which yields over 10,000 scans<br>LS 2106: Host power or optional power supply is available |
| Cable:         | Removable 6 ft./1.8 m Straight Cable   |

## Performance Characteristics

|                           |   |
|---------------------------|---|
| Scanner Type:             | Bi-directional, retrocollective   |
| Light Source:             | 650 nm visible laser diode  |
| Scan Rate:                | 36 $\pm$ 3 scans per second   |
| Nominal Working Distance: | Contact to 23 in./57.5 cm   |
| Print Contrast:           | 20% minimum reflective difference   |
| Pitch:                    | $\pm 50^\circ$ at 6 in. on 100% UPC/EAN   |
| Yaw:                      | $\pm 35^\circ$ at 6 in. 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

|                          |  |
|--------------------------|--|
| 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   |

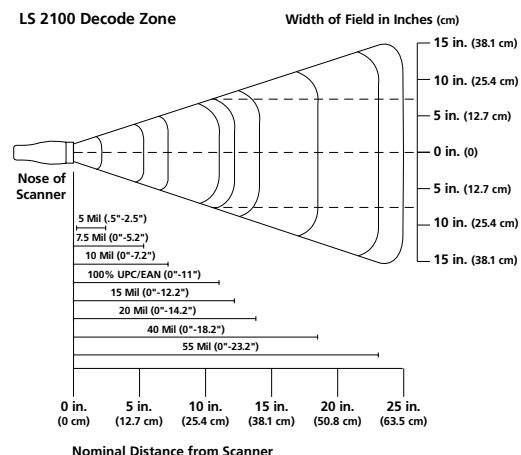
## Optional Accessories

|                                |             |
|--------------------------------|-------------|
| Hands-Free Presentation Stand: | 21-33324-01 |
| Desktop/Countertop Stand:      | 21-33323-01 |
| Battery Box:                   | 20-10615-01 |

## 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 2100 Decode Zone



## Warranty

Symbol's LS 2100 Scanner 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.



EN410 CE



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