



Leitor Zebra LS3408

O leitor portátil com fio Symbol LS3408 captura códigos de barras 1D nas condições mais adversas, mesmo quando as etiquetas estão a distâncias variáveis. Com a faixa de trabalho mais ampla disponível, ele lê etiquetas a uma distância de até 13,7 metros e também a apenas 0,63 cm.





Symbol LS3408-ER

Extended range rugged scanner



FEATURES

Flexible working range:
0.25" / 0.64 cm to
45 ft. / 13.7 m

Improves user productivity

Ergonomic, rugged industrial design withstands up to 50 drops to concrete from 6.5 ft. (2m) and 2,500 3 ft. (1m) tumbles (5,000 hits)

Ensures maximum reliability with less down time due to accidental drops

IP65 sealing rating (electronic enclosure)

Protects against water and dust to ensure reliable performance in rough conditions

Bright 650nm laser aiming dot

Delivers clearly visible line for more accurate scanning

Dual-scan angle switches from standard to wide under software control

Offers fast, accurate bar code reading on menus and pick lists

Redefining performance for maximum industrial mobility

The rugged Symbol LS3408-ER handheld scanner from Motorola delivers superior performance and versatility for your scan-intensive industrial applications. In the yard, warehouse, distribution center, manufacturing plant or retail store, the Symbol LS3408-ER handheld scanner offers best-in-class performance, excellent reliability and user-friendly ergonomics to create a more productive mobile environment. Multiple on-board interfaces ensure flexible plug and play host connectivity.

Advanced data capture features for industrial-grade applications

The Symbol LS3408-ER offers an outstanding reading range, providing the flexibility to enable a wide range of industrial applications. Industry-leading impact tests ensure reliable performance in spite of the inevitable accidental drops. The device is impervious to dust and water, and its exit window is scratch-resistant and recessed for the highest level of durability. As a result, you avoid unnecessary equipment downtime or expensive equipment replacement costs.

For applications requiring quick access and convenient storage, the Symbol LS3408-ER features a built-in metal hook for attachment to a pulley. Two large LED-enhancing windows and an extra loud 80 decibel (db) beeper are strategically placed on the scanner for clear and audible feedback to users.

The smartest way to capture mission-critical information

The extended range Symbol LS3408-ER is designed specifically for industrial applications. When you choose the Symbol LS3408-ER, you receive the added assurance of purchasing from Motorola — a company with proven advanced data capture capabilities and millions of scanner installations worldwide.

For more information on the LS3408-ER and its full line of accessories, access our global contact directory at www.motorolasolutions.com/enterprisemobility/contactus or visit us on the web at www.motorolasolutions.com/LS3408ER

SPECIFICATION SHEET

SYMBOL LS3408-ER
Extended range rugged scanner

Symbol LS3408-ER Specifications

Multiple on-board interfaces

Ensures flexible connectivity, allowing for host “future proofing”

Advanced data formatting (ADF)

Eliminates costly modifications to the host software

Flash memory

Facilitates updates and customization of product in the field

Universal cable set

Allows for easy replacement and/or upgrades

Supports GS1DataBar Symbologies (formerly RSS)

Compatible with emerging symbology to leverage your hardware investment

| Physical Characteristics | |
|--------------------------|---|
| Dimensions: | 7.34 in. H x 4.82 in. W x 2.93 in. D 18.65 cm H x 12.25 cm W x 7.43 cm D |
| Weight (w/o cable): | 12.56 oz./356 g |
| Power Requirements: | 4.5 - 14 VDC |
| Stand-by Current: | 50 mA |
| Power Sources: | Depending on host: • Host power • External power supply |
| Color: | Twilight Black/Yellow |

| Performance Characteristics | |
|-----------------------------|--|
| Scanner Type: | Retrocollective |
| Light Source: | 650 nm visible laser diode |
| Scan Repetition: | 36 scans per second typical |
| Min. Element Width: | 7.5 mil/0.191 mm |
| Working Distance: | See Decode Zone |
| Print Contrast: | 25% minimum reflective difference |
| Roll (Tilt): ¹ | ± 10° from normal |
| Pitch: ² | ± 65° from normal |
| Skew (Yaw): ³ | ± 60° from normal |
| Decode Capability: | UPC/EAN, UPC/EAN with Supplementals, GS1-128 (formerly UCC/EAN 128), JAN 8 & 13, Code 39, Code 39 Full ASCII, Code 39 Trioptic, Code 128, Code 128 Full ASCII, Codabar (NW7), Interleaved 2 of 5, Discrete 2 of 5, Code 93, MSI, Code 11, Code 32, Bookland EAN, IATA, GS1DataBar (formerly RSS) |
| Interfaces Supported: | RS232, Keyboard Wedge, Wand Emulation, Scanner Emulation, IBM 468X/469X, USB and Synapse |

| User Environment | |
|-----------------------------|---|
| Operating Temp.: | -22° to 122° F/-30° to 50° C |
| Storage Temp.: | -40° to 158° F/-40° to 70° C |
| Humidity: | 5% to 95% relative humidity, non-condensing |
| Sealing: | Sealed to IP65 specifications |
| Drop Specifications: | Unit functions normally after 50 drops to concrete from 6.5 ft. (2m) |
| Ambient Lighting Tolerance: | Tolerant to typical artificial indoor and natural outdoor (direct sunlight) lighting conditions. Fluorescent, Incandescent, Mercury Vapor, Sodium Vapor, LED ⁴ : 450 Ft Candles (4,844 Lux) Sunlight: 8000 Ft Candles (86,111 Lux) |

| | |
|--------------------------------|---|
| Electrostatic Discharge (ESD): | Conforms to 20 kV air discharge and 8 kV of contact discharge |
|--------------------------------|---|

| Regulatory | |
|-----------------------------|--|
| Input Transient Protection: | IEC 1000-4-(2,3,4,5,6,11) |
| EMI/RFI: | FCC Part 15 Class B, ICES-003 Class B, European Union EMC Directive, Japan VCCI/MITI/Dentori |
| Laser Safety: | IEC825-1 Class 2 |

Warranty
The Symbol LS3408-ER is warranted against defects in workmanship and materials for a period of 3 years (36 months) from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions. See full warranty for details.

- 1 - Roll (Tilt): Controlled by rotating the wrist clockwise or counterclockwise
- 2 - Pitch: Controlled by dropping or raising the wrist
- 3 - Skew (Yaw): Controlled by rotating the wrist from left to right or vice versa
- 4 - LED lighting with high AC ripple content can impact scanning performance

| Depth of Field | | |
|-------------------|------------------|-------------------|
| Label Density | LS3408-ER | |
| Paper Label | English | Metric |
| Code 39 – 7.5 mil | 0.25” – 20.00” | 0.64 – 50.80 cm |
| Code 39 – 10 mil | 2.00” – 32.00” | 5.08 – 81.28 cm |
| Code 39 – 15 mil | 3.00” – 69.00” | 7.62 – 175.26 cm |
| Code 39 – 20 mil | 3.00” – 94.00” | 7.62 – 238.76 cm |
| Code 39 – 55 mil | 15.00” – 180.00” | 38.10 – 457.20 cm |
| Reflective Label | | |
| Code 39 - 70 mil | Up to 30 ft. | Up to 9.27 m |
| Code 39 - 100 mil | Up to 45 ft. | Up to 13.72 m |

For more detailed information, please see the Product Reference Guide in the Resource tab at www.motorolasolutions.com/LS3408ER.



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