Symbol LS3408ER

Extended range rugged scanner

FEATURES

Flexible working range: 4 in./10 cm to 48 ft./14.6 m
Improves user productivity

Ergonomic, rugged industrial design withstands multiple 6.5-ft./2 m drops to concrete; 2,500 3-ft./1 m 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 LS3408ER 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 LS3408ER 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 LS3408ER 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 LS3408ER 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 LS3408ER is designed specifically for industrial applications. When you choose the Symbol LS3408ER, 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 Symbol LS3408ER and its full line of accessories, contact us at +1.800.722.6234 or +1.631.738.2400, or visit us on the web at www.symbol.com/ls3408er

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 Reduced Space Symbology (RSS®)
Compatible with emerging symbology to leverage your hardware investment

Symbol LS3408ER Specifications

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 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, 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, UCC/EAN RSS and RSS variants
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 repeated 6.5 ft./2 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; Indoor: 450 ft. candles/4,84 LUX; Outdoor: 4,000 ft. candles/43,040 LUX
Electrostatic Discharge (ESD):	Conforms to 20 kV air discharge and 8 kV of contact discharge
Regulatory	
Input Transient	IEC 1000-4-(2,3,4,5,6,11) Protection:
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

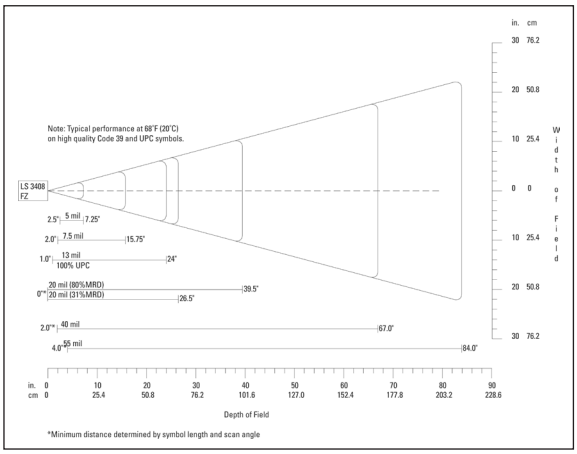
The Symbol LS3408ER is warranted against defects in workmanship and materials for a period of 3 years (36 months) from date of shipment, provided that the product remains unmodified and is operated under normal and proper conditions. See full warranty for details.

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

N410 CE

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

LS3408ER Decode Zone



MOTOROLA

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