The rugged LS 3400ER handheld scanner from Symbol Technologies, the Enterprise Mobility Company™, delivers superior performance and versatility for your scan-intensive industrial applications. In the yard, warehouse, distribution center, manufacturing plant or retail store, the LS 3408ER handheld scanner offers best-in-class performance, excellent reliability and user-friendly ergonomics to create a more productive mobile environment. Multiple interfaces on-board interfaces ensure flexible plug and play host connectivity.

**Advanced Data Capture Features for Industrial-Grade Applications**

The LS 3400ER reads bar codes from as far away as 45 feet (14.6 meters) and as close as 5 inches (13 cm) to give you the kind of versatility that's necessary for today's industrial applications. The rugged housing, sealed to IP65 standards, withstands repeated drops of up to 6.5 feet (2 meters) drops to concrete, ensuring limited downtime. In fact, the LS 3408ER maintained its reliability when subjected to multiple drops in a specialized tumble test conducted in the widely recognized Symbol Industrial Design Labs.

For applications requiring quick access and convenient storage, the LS3400 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 standard range LS 3400ER from Symbol Technologies, the Enterprise Mobility Company, was designed specifically for industrial applications. When you choose the LS 3400ER, you receive the added assurance of purchasing from Symbol—a company with proven advanced data capture capabilities and millions of scanner installations worldwide. For more information on the LS 3408ER 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/ls3408](http://www.symbol.com/ls3408)
LS 3400ER Specification Highlights

**Physical Characteristics**

- **Dimensions:** 7.34 in. H x 4.92 in. W x 2.93 in. D
- 18.65 cm H x 12.40 cm W x 7.43 cm D
- **Weight (without cable):** 12.56 oz./356 gm
- **Power Requirements:** 4.5 – 14VDC
- **Stand-by Current:** 50mA
- **Power Sources:** Depending on host:
  - Host power
  - External power supply
- **Color:** Twilight Black/Yellow

**Performance Characteristics**

- **Scanner Type:** Retrocollective
- **Light Source:** 660 nm visible laser diode
- **Scan Repetition:** 36 scans per second typical
- **Minimum Element Width:** 7 mil/0.191 mm
- **Nominal Working Distance:** See decode zone
- **Print Contrast:** 25% minimum reflectivity difference
- **Roll (Tilt):** +/− 10 degrees from normal
- **Pitch:** +/− 65 degrees from normal
- **Skew (Yaw):** +/− 60 degrees from normal

**Decode Capability:**

**Interfaces Supported:**
- RS232, Keyboard Wedge, Wand Emulation, Scanner Emulation, IBM 468X/469X, USB and Synapse

**User Environment**

- **Operating Temperature:** 22° to 122° F/-30° to 50° C
- **Storage Temperature:** 40° to 158° F/-40° to 70° C
- **Humidity:** 5% to 95% relative humidity, noncondensing
- **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/4,842 LUX
  - Outdoor: 4,000 ft. candles/43,040 LUX
- **Electrostatic Discharge:** 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 LS 3400ER 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