Symbol LS3578-ER
Rugged, cordless scanner with integrated Bluetooth

FEATURES

Wide working range:
4 in. (10 cm) to 45 ft. (13.7 m)
Allows workers to scan items at varying distances without having to move, reducing fatigue and speeding task completion

Integrated Bluetooth
Class 2 v1.2 (Serial Port and HID Profiles with authentication and security)
Cordless scanning with secure wireless data transmission

Cordless scanning
Enables real-time bar code data collection unrestricted by a cable, reducing repairs from cable failure

Rugged design withstands multiple 6.5-ft. (2-m) drops to concrete
Ensures maximum reliability with less downtime resulting from accidental drops

Scan bar codes over a wide range of distances
The Symbol LS3578-ER rugged, cordless scanner provides the greatest working range of any available rugged scanner, allowing employees to scan items from as close as 4 inches/10 cm to as far away as 45 feet /13.7 m. It also allows employees to quickly switch from reading bar codes on inventory to capturing smaller symbologies on bar code menus and pick lists.

In the yard, warehouse, distribution center, manufacturing plant or retail store, the Symbol LS3578-ER offers superior performance and reliability as well as a user-friendly form factor that helps ensure comfortable use over long shifts. Plus, integrated Bluetooth provides reliable and secure wireless data transmission between the scanner and host, including Motorola’s rugged VC5090 Vehicle-Fixed Mount Mobile Computer.

Cordless freedom for improved productivity
With no cord between the scanner and host, employees can move freely throughout their work environment, increasing productivity and efficiency while keeping supply chain inventory up to date at all times. Plus, having no cord reduces downtime from cable breakdowns — a common point of failure in handheld devices used in industrial facilities.

Rugged design to maximize uptime
As rugged as it is innovative, the Symbol LS3578-ER is designed for scan-intensive industrial applications in the harshest operating conditions. 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.

Low total cost of ownership (TCO)
In addition to enhancing productivity, the Symbol LS3578-ER offers a low TCO. The industrial-strength construction maximizes the scanner’s working life, and multiple on-board interfaces provide true plug-and-play simplicity with your host system today and tomorrow. Support for Remote Scanner Management (RSM) enables you to discover, provision and upgrade devices from a central remote location, dramatically reducing management time and costs.

And since even the most rugged devices require a support plan, a full complement of Enterprise Mobility Services are available to help you protect your investment and maintain peak performance.

For more information, contact us at +1.800.722.6234 or +1.631.738.2400, or visit us at www.symbol.com/ls3578er
Symbol LS3578-ER Specifications

### Physical Characteristics

**Dimensions:**
7.34 in. L 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:** (including LiON battery)
14.8 oz. (420 gm)

**Battery:**
2200 mAh Lithium Ion Battery

**Battery charge time:** Fully charged (100%) in 3 hours

**Color:**
Twilight Black and Yellow

### Performance Characteristics

**Scanner type:** Retrocollective

**Light source:**
650 nm visible laser diode

**Scan repetition:** 36 scans per second typical

**Minimum element width:**
7.5 mil (0.191 mm)

**Nominal working distance:**
4 in to 45 ft  
(10cm to 13.7m)

**Print contrast:**
25% minimum reflective 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

### Cradles

<table>
<thead>
<tr>
<th>Cradles</th>
<th>STB 3508 and FLB 3508</th>
<th>STB 3578 and FLB 3578</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power requirements:</td>
<td>4.75 – 14 VDC</td>
<td>4.75 – 14 VDC</td>
</tr>
<tr>
<td>Typical current draw:</td>
<td>Not charging</td>
<td>10 mA</td>
</tr>
<tr>
<td></td>
<td>Fast rate</td>
<td>915 mA</td>
</tr>
<tr>
<td></td>
<td>Slow rate</td>
<td>480 mA</td>
</tr>
<tr>
<td></td>
<td></td>
<td>345 mA</td>
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</tbody>
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### Radio specification

<table>
<thead>
<tr>
<th>Radio</th>
<th>Bluetooth, Class 2, Version 1.2, Serial port and HID Profiles</th>
</tr>
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<tbody>
<tr>
<td>Data rate</td>
<td>2.402 to 2.480 GHz adaptive frequency hopping (co-existence with 802.11 wireless networks)</td>
</tr>
<tr>
<td></td>
<td>Data rate: 720 kbps</td>
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</tbody>
</table>

### Regulatory

<table>
<thead>
<tr>
<th>Input transient protection:</th>
<th>IEC 1000-4-(2,3,4,5,6,11)</th>
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<tbody>
<tr>
<td>Laser safety:</td>
<td>IEC825-1 Class 2</td>
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### Warranty

The Symbol LS3578-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.

### Recommended Service

Service from the Start - Bronze