Wasp
BARCODE TECHNOLOGIES





## WLR8950 SBR | 1D Extended Range Scanner

# Reliable Plug and Play Barcode Scanner with Laser Assisted Aiming for Faster Scanning



### Key Features

- Scans Popular 1D Barcodes
- Capable of Reading Barcodes on Smart Phones and Tablets
- Smart Detection for 280 Scans per Second
- Durable 5ft Drop Spec
- Laser Aim Assist for Quick Data Capture

# WLR8950 SBR | 1D Extended Range Scanner

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| **OPTIC & PERFORMANCE** | Light Source: 650nm visible red laser<br>Compensation Light: Visible white LED<br>Sensor: Linear image sensor<br>Scan Rate: 280 Scans/ sec (Smart Detection)<br>Resolution: 3mil/ 0.075mm<br>Scan Angle: 53°<br>Print Contrast Ratio: 30%<br>Width of Field: 13Mil Code39: 7.87 in (200 mm) |
| **D.O.F. ENVIRONMENT: 800 LUX** | 3 Mil Code 39: 2.16 ~ 3.14 in (55 ~ 80 mm)<br>4 Mil Code 39: 1.96 ~ 4.33 in (50 ~ 110 mm)<br>5 Mil Code 39: 1.77 ~ 6.10 in (45 ~ 155 mm)<br>10 Mil Code 39: .85 ~ 12.71 in (21 ~ 323 mm)<br>15 Mil Code 39: 1.29 ~ 19.80 in (33 ~ 503 mm)<br>13 Mil UPC/EAN: 1.22 ~ 11.18 in (31 ~ 284 mm) |
| **PHYSICAL CHARACTERISTICS** | Dimension: W1.02 x L6.30 x H3.15 in (W26 x L160 x H80 mm)<br>Weight: Scanner: 4.05oz (115g), Cable: 2.30oz (85g)<br>Color: Black & Yellow<br>Material: ABS<br>Connector: USB Type A<br>Cable: 82.6in (2.1M) Interchangeable Cable<br>Trigger: Scan button<br>Indicator: LED, buzzer |
| **ELECTRICAL** | Operation Voltage: 5 VDC ± 5%<br>Working Current: < 200mA<br>Standby Current: < 80mA |
| **CONNECTIVITY** | Interface/Profile: USB HID, USB VCP, RS232 |
| **USER ENVIRONMENT** | Operating Temperature: 32 ~ 104 °F (0 ~ 40°C)<br>Storage Temperature: -4~140°F (-20~60°C)<br>Humidity: 0% ~ 95%RH (non-condensing)<br>Drop Durability: 5 ft. (1.8 m)<br>Sealing:N/A<br>Ambient Light: 50,000 Lux (Sunlight)<br>Symbologies: UPC-A/UPC-E, EAN-8/EAN-13, Industrial 2 of 5, Codabar, Matrix 2 of 5, Code 11, Code 93, Code 32, Code 128, Standard Code 39, Full ASCII Code 39, Interleaved 2 of 5, China Postal Code, MSI Plessy Code, UK Plessy Code, EAN/UCC 128, Telepen Code, IATA Code, GS1 Databar |
| **REGULATORY** | ESD: Functional after 4KV contact, 8KV Air discharge<br>EMC: FCC Part15B ClassB, CE EN55024/32<br>Safety Approval: EN/IEC60825-1 (Class 1), FDA<br>Environmental: WEEE, RoHS 2.0 |
| **ACCESSORY** | Cable: RJ45 to USB A(M) Cable, 6.88 ft. (2.1 m), Black<br>(SKU: 633808505257, QTY: 1) |






