



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

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OPTIC & PERFORMANCE

Light Source: 650nm visible red laser
Compensation Light: Visible white LED
Sensor: Linear image sensor
Scan Rate: 280 Scans/ sec (Smart Detection)
Resolution: 3mil/ 0.075mm
Scan Angle: 53°
Print Contrast Ratio: 30%
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)
4 Mil Code 39: 1.96 ~ 4.33 in (50 ~ 110 mm)
5 Mil Code 39: 1.77 ~ 6.10 in (45 ~ 155 mm)
10 Mil Code 39: .85 ~ 12.71 in (21 ~ 323 mm)
15 Mil Code 39: 1.29 ~ 19.80 in (33 ~ 503 mm)
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)
Weight: Scanner: 4.05oz (115g), Cable: 2.30oz (85g)
Color: Black & Yellow
Material: ABS
Connector: USB Type A
Cable: 82.6in (2.1M) Interchangeable Cable
Trigger: Scan button
Indicator: LED, buzzer

ELECTRICAL

Operation Voltage: 5 VDC \pm 5%
Working Current: < 200mA
Standby Current: < 80mA

CONNECTIVITY

Interface/Profile: USB HID, USB VCP, RS232

USER ENVIRONMENT

Operating Temperature: 32 ~ 104 °F (0 ~ 40°C)
Storage Temperature: -4~140 °F (-20~60°C)
Humidity: 0% ~ 95%RH (non-condensing)
Drop Durability: 5 ft. (1.8 m)
Sealing:N/A
Ambient Light: 50,000 Lux (Sunlight)
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 Plessey Code, UK Plessey Code, EAN/UCC 128, Telepen Code, IATA Code, GS1 Databar

REGULATORY

ESD: Functional after 4KV contact, 8KV Air discharge
EMC: FCC Part15B ClassB, CE EN55024/32
Safety Approval: EN/IEC60825-1 (Class 1), FDA
Environmental: WEEE, RoHS 2.0

ACCESSORY

Cable: RJ45 to USB A(M) Cable, 6.88 ft. (2.1 m), Black (SKU: 633808505257, QTY: 1)

