



**WLR8950** | Bi-Color CCD Barcode Scanner

## Long Range Scanner Designed for Accurate, Repetitive Applications



### Key Features

- Read 1D, colored barcodes up to 12" away
- Scan barcodes with a Print Contrast Ratio (PCR) as low as 30%
- Fast 230-450 scans per second decode rate
- Durable, high-quality ABS plastic construction withstands multiple 6' drops to concrete
- Comfortable design allows for prolonged daily use
- Optional hands-free stand

# WLR8950 | Bi-Color CCD Barcode Scanner



## OPTICAL FEATURES

Light source: 630 nm visible red LED; 525 nm visible green LED  
Resolution: 3 mil  
Print Contrast Ratio: 30%  
Depth of field: 80 to 100 mm @ 4 mil (Code 39); 80 to 125 mm @ 5 mil (Code 39); 25 to 300 mm @ 15.6 mil (EAN); 95 to 170 mm @ X:10 mil, Y:1mm (PDF 417)  
Scan rate: 230-450 scans/sec

## ELECTRICAL CHARACTERISTICS

Operating voltage: 5 VDC  $\pm$  5%  
Working current consumption: <340 mA (single color mode); <370 mA (bi-color mode)  
Idle current consumption: <220 mA (PS2); <240 mA (USB)

## MECHANICAL CHARACTERISTICS

Dimensions: 6.3" H x 2.7" L x 3.5" W (16 cm H x 6.9 cm L x 8.9 cm W)  
Net weight: 4.8 oz (135 g)  
Cable: 6 ft.

## ENVIRONMENT CHARACTERISTICS

Operating temperature: 32°F to 122°F (0°C to 50°C)  
Storage temperature: -4°F to 140°F (-20°C to 60°C)  
Relative humidity: 20% to 85% (non-condensing)  
Mechanical shock: Withstands repeated 6 ft. (1.8 m) drops to concrete

## SAFETY CERTIFICATION

Conforms FCC Class B and CE requirements

## 1D (LINEAR) SYMBOLOGIES READ

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

## ACCESSORIES

WLR8950 Bi-Color CCD Barcode Scanner with USB Cable: 633808121662  
WLR8950 Bi-Color CCD Barcode Scanner with PS2 Cable: 633808121679  
WLR8950 Barcode Scanner Stand: 633808181024  
WLR8950 Replacement USB Cable: 633808181017  
WLR8950 Replacement PS2 Cable: 633808121228  
WaspProtect 2-Year Extended Warranty for WLR8950 Barcode Scanner: 63380



## Wasp North America

3001 Summit Avenue  
Suite 400  
Plano, TX 75074  
1-866-547-9277  
[www.waspbarcode.com](http://www.waspbarcode.com)

## Wasp Europe

Dunstable Road  
Redbourn, St Albans  
AL3 7PR, UK  
0845-430-1971  
[www.waspbarcode.co.uk](http://www.waspbarcode.co.uk)

## Wasp International

+1 214-547-4100