



wasp
BARCODE TECHNOLOGIES



WDI4100 | LR 2D Barcode Scanner

Durable Long Range Scanner Designed for Reliable, Repetitive Applications



Key Features

- Scans 2D barcodes up to 12" away
- Easily decode colored barcodes
- Read barcodes with a PCR as low as 30%
- Durable ABS plastic construction
- Withstands multiple 6' drops to concrete
- Pistol grip design for rapid scanning

WDI4100 | LR 2D 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

SYMBOLOGIES READ

2D: QR Code, Micro QR, Data Matrix, Aztec Code, MaxiCode, PDF417, MicroPDF417, GS1 Composite Codes
1D: 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

PART NUMBERS

WLR8950/WDI4100 Barcode Scanner Stand: 633808181024
WLR8950/WDI4100 Replacement USB Cable: 633808181017
WLR8950/WDI4100 Replacement PS2 Cable: 633808121228
WaspProtect 2-Year Extended Warranty for WLR8950/WDI4100 Barcode Scanner: 633808600020
WaspProtect 1-Year Renewal for WLR8950/WDI4100 Barcode Scanner: 633808600341



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