

# L8 Wireless 2D Handheld Barcode Scanner



## PRODUCT OVERVIEW

|              |                 |
|--------------|-----------------|
| Model        | L8              |
| Product Type | Barcode Scanner |

## Scanning Performance

|                            |                                                                                                                                                                                                                                                                |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Decode Capabilities        | 1D/2D                                                                                                                                                                                                                                                          |
| Scan Engine                | CMOS                                                                                                                                                                                                                                                           |
| Image Sensor               | CMOS                                                                                                                                                                                                                                                           |
| Sensor Resolution          | CMOS 640×480                                                                                                                                                                                                                                                   |
| Illumination               | White LED Red LED 0~100000 lux                                                                                                                                                                                                                                 |
| Aiming System              | Red LED                                                                                                                                                                                                                                                        |
| Minimum Element Resolution | 1D≥4 mil 2D≥6 mil                                                                                                                                                                                                                                              |
| Minimum Print Contrast     | ≥25%                                                                                                                                                                                                                                                           |
| Angular Tolerance          | Roll 360°, Pitch ± 55°, Skew ± 55° 52° H:42.7° V:32.4                                                                                                                                                                                                          |
| Depth of Field             | EAN-13 45 mm-150 mm (13 mil)<br>Code39 40 mm-70 mm (5 mil 10 bytes)<br>QR Code 30 mm-240 mm (20 mil 16 bytes)<br>Data Matrix 55 mm-85 mm (10 mil 20 bytes)<br>PDF 417 30 mm-130 mm (6.67 mil 7 bytes)                                                          |
| Supported Symbolologies    | 2D QR Code, Data Matrix, PDF417, Aztec 1D EAN, UPC, Code 39, Code 93, Code 128, UCC/EAN 128, Codabar, Interleaved 2 of 5, ITF-6, ITF-14, ISBN, ISSN, MSI-Plessey, GS1 DataBar, GS1 Composite Code, Code 11, Industrial 25, Standard 25, Plessey, Matrix 2 of 5 |
| Trigger Modes              | Manual trigger, Continuous mode, Presentation mode                                                                                                                                                                                                             |

## Connectivity & Wireless

|                 |                                                            |
|-----------------|------------------------------------------------------------|
| Connectivity    | Wired, Wireless, 2.4 GHz 2.4 GHz wireless+Wired connection |
| Host Interfaces | USB                                                        |
| Wireless Range  | 2.4 GHz: 100 m                                             |
| Onboard Memory  | 64kb                                                       |

## Power

|                  |          |
|------------------|----------|
| Battery Capacity | 2000 mAh |
|------------------|----------|

| Power             |                            |
|-------------------|----------------------------|
| Operating Time    | 3 minutes to enter standby |
| Standby Time      | 3 minutes to enter standby |
| Charge Time       | 4-5 hours 5V 2A            |
| Operating Voltage | DC 5V±5% 170 mA 0.6µA      |

| Physical Specifications |                                  |
|-------------------------|----------------------------------|
| Dimensions              | L × W × H (mm):170 × 70 × 100 mm |
| Weight                  | Approx. 162 g                    |
| Enclosure Material      | ABS+TPU                          |
| Color Options           | Black                            |
| Cable Length            | 1.2 m                            |
| Stand Included          | No                               |
| User Feedback           | Buzzer, LED indicator            |

| Environmental & Compliance |                         |
|----------------------------|-------------------------|
| Drop Resistance            | 2 m free-fall drop      |
| Operating Temperature      | -10°C-50°C              |
| Storage Temperature        | -20°C-70°C              |
| Relative Humidity          | 5%-95% (non-condensing) |
| Ambient Light Immunity     | 0~100000 lux            |
| Certifications             | CE, RoHS, FCC           |