

2D/QR Area-Imaging Barcode Scanner

Innovation By Design



Features

- ✓ **Decodes QR/2D/1D Barcodes** simply and easily from all mobile devices
- ✓ **Powerful and Accurate** high performance area-imaging technology
- ✓ **Solid State Architecture/IP54 Rated** ensures long term durability
- ✓ **High Performance Optics** delivers superior data capture
- ✓ **Red Eye Targeting/Aiming** feature



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Basic Product Specification (LL-8824)

Performance Characteristics

| | |
|----------------------------------|---|
| Scan Method | CMOS Logic/Array Area Imager |
| Scan Rate | Up to 60 fps |
| Scan Reading Angle | Skew: -60 to 0°, 0 to 50°. Pitch: -60 to 0°, 0 to 50°. Roll: 360° |
| Fixed Focus Distance | SR: 4.5in/115mm, HD: 2.76in/70mm |
| Min. Resolution (C39 at PCS 0.9) | SR: 4mil (0.127mm), HD: 4mil (0.076mm) |
| Indicators | Visual : 2 LEDs (Red, Blue) |
| Light Source | 2 x 625 nm LEDs |
| LED Indicator | Red Eye Read Indicator |
| Field of View | Horizontal: ±46°, Vertical: ±30° |
| System Interfaces | USB/RS232, USB (Ver. 1.1 HID Keyboard) |

Power

| | |
|---------------------|---------------------------------|
| Voltage Requirement | 5VDC± 10% |
| Current Consumption | 160mA (typical use), max. 260mA |

Environmental

| | |
|-----------------|--|
| Temp. | -22°F - 122°F / -30°C - 50°C (Operating), -40°F - 158°F / -40°C - 70°C (Storage) |
| Humidity | Operation: 95% (non-condensing, non-freezing), Storage: 85% (non-condensing, non-freezing) |
| Ambient Light | Fluorescent: 86,100 lx max, Direct sun: 100,000 lx max, Incandescent: 10,000 lx max |
| Drop Test | 1.8m/6ft drop onto concrete surface |
| Protection Rate | IP 54 |

Product Compliance

CE, FCC, IEC 60825-1 Class 2, GB7247.1-2001, ROHS

Physical

| | |
|------------|---|
| Dimensions | 180 x 140 x 120mm / 7.2 x 5.6 x 4.08 in |
| Weight | 430g / 16.97 oz (excluding cable) |
| Case | Black/Grey |

Supported Symbolologies

1D: Ean13, Ean8, UPC-E, Codabar(NW-7), Code39, Interleaved_2 of 5 (ift), Code128, Discrete 2 of 5 (dtf), Ean128 (GS1-128), Code11, Chinese_post, MSI, Chinese 2 of 5, Matrix 2 of 5, Korean 3 of 5, Inverse 1D, Postal codes, GS1 DataBar-14, GS1 DataBar Limited, GA1 DataBar Expanded, Composite.

2D: PDF417, MicroPDF417, Composite, RSS, TLC-39, Data Matrix, QR code, Micro QR Code, Aztec, Maxi Code

Postcode: US Postnet, US Planet, US Post, UK Post, Australia Post, Japan Post and KIX

E&OE



Application and Solutions: Retail, Supermarket, Convenience, Forecourt, Kiosk, ATM, Medical, Banks, Logistics.

Contains Accessories: Cable (USB, RS232), User Guide, DC Power Supply (RS232).