



I500

#### FEATURES

- + High speed reading of 1D and 2D barcodes
- + Manual or automatic triggering
- + Reads barcodes reliably off cell phone screens
- + Rugged gun type design
- + Low power consumption
- + IP54 grade design

## 2D Gun Type Imaging Scanner

The I-500 imaging scanner facilitates high speed reading of both 1D and 2D barcodes. The design eliminates the need to align the barcode with the scan pattern or pause between scans. Fast point-and-shoot scanning works even on damaged and poorly printed barcodes. The over-molded housing and secured cable protects the unit from drops and shocks damages.



# I500 specifications

## SCANNING

|                         |   |
|-------------------------|---|
| Aiming Element:         | 617 nm LED  |
| Optical System:         | 640x480   |
| Minimum Contrast:       | 30%   |
| Scan Angle:             | Tilt 45°; Deflection 35°; Rotation 360°   |
| Depth of Field:         | UPC (5mil): 40 - 160mm<br>Code 93 (10mil): 20 - 240mm<br>EAN13 (15mil): 40 - 250mm<br>Code 128 (20mil): 40 - 380mm<br>Code 128 (40mil): 80 - 520mm<br>(Note: DOF may vary depending on environment condition and barcode quality) |
| Programmable Operation: | Scan mode, interface mode, beeper tone  |
| System Interface:       | USB (HID and Virtual COM port interface selectable)   |

## ELECTRICAL

|                    |   |
|--------------------|---|
| Input Voltage:     | 5V DC $\pm$ 10%                                   |
| Operating Current: | Scanning, 140 mA typical<br>Standby, 20mA typical |

## ENVIRONMENT

|                        |                               |
|------------------------|-------------------------------|
| Operating Temperature: | 20°C – 50°C (68°F to 122°F)   |
| Storage Temperature:   | -40°C – 70°C (-40°F to 158°F) |
| Humidity:              | 5% – 98% RH (non-condensing)  |

## MECHANICAL

|                          |   |
|--------------------------|---|
| Dimension (device only): | 6.4in x 2.6in x 4.8in (162.8 x 66.3 x 121.6 mm) |
| Weight:                  | 0.44lb (200 g)                                  |
| Interface Cable:         | Standard 4.6ft (1.4m) straight                  |

## DECODING CAPABILITY

|             |  |
|-------------|--|
| 1D Barcode: | UPC/EAN (UPCA/UPCE/EAN-8/EAN-13), ISBN (Bookland), ISSN, ISBN, Code 39, Code 32, Code128, Code 93, Code 11, Codabar, Interleaved 2 of 5, Discrete 2 of 5, Matrix 2 of 5, GS1 DataBar |
| 2D Barcode: | QR Code, PDF417, MicroPDF417, Codablock F, Aztec, Data Matrix  |

## REGULATORY

|         |                               |
|---------|-------------------------------|
| EMC:    | CE & FCC DOC compliance, VCCI |
| Safety: | IEC 62471 exempt              |