



# 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 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 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 Code 93 (10mil): 20 - 240mm EAN13 (15mil): 40 - 250mm Code 128 (20mil): 40 - 380mm Code 128 (40mil): 80 - 520mm (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 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 × 66.3 × 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

