



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

I-500

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 even on damaged and poorly printed barcodes. The over-molded housing and secured cable protects the unit from drops and shocks damages.



I-500 2D IMAGING SCANNER SPECIFICATIONS

SCANNING

Aiming Element	617 nm LED
Optical System	640x480
Minimum Contrast	30%
Scan Angle	Tilt $\pm 45^\circ$; Deflection $\pm 35^\circ$; Rotation $\pm 360^\circ$
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 <i>(Note: DOF may vary depending on environment condition and barcode quality)</i>
Programmable Operation	Scan mode, interface mode, beeper tone
System Interface	USB (HID and Virtual COM port interface selectable)

ELECTRICAL

Input Voltage	5V DC $\pm 20\%$
Operating Current	Scanning, 190 mA typical Standby, 10mA typical

REGULATORY

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

MECHANICAL

Dimension	162.8 × 66.3 × 121.6 mm (device only);
Weight	200 g
Interface Cable	Standard 1.4M straight

ENVIRONMENT

Operating Temperature	20°C – 50°C
Storage Temperature	-40°C – 70°C
Humidity	5% – 98% RH (non-condensing)

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