



Z-6172 Series (Preliminary) Hands-Free 2D Image Reader

NEW

Lighting speed without compromising performance, Z-6172 features a powerful 2D engine that easily decodes most 1D and 2D barcodes with intuitive aiming accuracy. It also excels at reading barcodes on smart phone screens and barcodes that are poorly printed. It is the perfect solution for medical industry, retail stores, smart phone applications, and the banking industry.

- High speed reading of 1D, 2D and postal barcodes
- Reads barcode reliably off cell phone screens
- Unique plastic suction cup for easy field installation



OPERATIONAL

Aiming Element	617 nm LED
Illumination Element	6500K LED
Scan Angle	40° horizontal; 26° vertical
Depth of Field	Code39 (5mil): 10 – 60 mm PDF417 (6.8mil): 0 – 110 mm Data Matrix (10mil): 0 – 50 mm 100% UPCA (13mil): 0 – 220 mm Code39 (20mil): 0 – 220 mm (Presentation Mode); 0 – 330 mm (Trigger Mode) QR Code (20mil): 0 – 160 mm
Min. Bar Width	6.8 mil (PDF 417), 5 mil (Code 39)
Print Contrast	25% @ UPC/EAN 100%
Indicator	Color LED
Programmable Operation	Beeper tone & volume
System Interface	RS-232, USB

PHYSICAL

Dimension	165.0 × 100.0 × 118.0 mm
Weight	200 g

POWER

Input Voltage	5 VDC ±10%
Operating Current	Average 400 mA

REGULATORY

EMC	CE & FCC, BSMI
Safety	IEC 62471 Exempt

ENVIRONMENTAL

Operating Temperature	0°C – 50°C (32°F – 122°F)
Storage Temperature	-40°C – 70°C (-40°F – 158°F)
Humidity	5% – 95% RH (non-condensing)
Drop Durability	Designed to withstand 1M drops

DECODING CAPABILITY

1D Barcode	UPC/EAN/JAN, UPC-A & UPC-E, EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, Code 39, Codabar, Code 128 & EAN 128, Code 93, ITF 2 of 5, IATA Code, MSI, China Postal Code, Code 32, GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded
2D Barcode	PDF 417, MicroPDF 417, Composite Codes, MaxiCode, DataMatrix, DataMatrix Inverse, QR Code, QR Inverse, MicroQR Code, Aztec Code, Aztec Inverse



1. Distinctive indicator & large trigger button
2. Powerful engine decodes most 1D & 2D barcodes
3. Hinge shaft for tilting angles

