HANDHELD SCANNER

VER. 20240522

Z-3102 2024 NEW

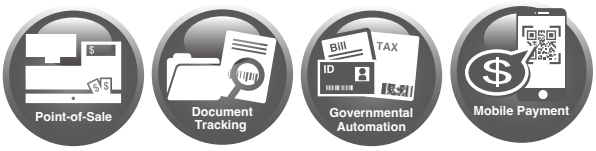
2D Image Handheld Scanner (PRELIMINARY)

Elevate your scanning experience with the Z-3102, the enhanced edition of ZEBEX's middle-range handheld 2D image scanner series. This device introduces cutting-edge features meticulously engineered to transform your scanning process and propel your efficiency to extraordinary levels. Powered by advanced image processing technology, the Z-3102 excels in reading 1D, 2D, and postal barcodes at high speed from any direction and offers an ergonomic design for user comfort and boasts low power consumption.

- Streamline design and large trigger for effortless operation
- Captures barcodes on mobile phone, tablet, or computer screens
- High speed, omnidirectional reading of 1D, 2D and postal barcodes
- Extremely low power consumption
- Affordable high performance

1.Sleek lines in a simple form factor and ergonomic grip
2.Optional rubber holder
3.Optional adjustable stand

OPERATIONAL	
Light Source	617 nm LED
Illumination	white LED
Optical System	1280 x 800 CMOS
Depth of Field	Code 39 (4 mil) : 30 – 130 mm Code 39 (5 mil) : 30 – 160 mm EAN 13 (13 mil) : 30 – 300 mm QR code (7.5 mil) : 30 – 125 mm (Note : DOF may vary depending on environment condition and barcode quality.)
Print Contrast	Min. 30% @ UPC/EAN 100%
Indicator	Blue LED
Beeper Operation	Programmable tone & beep time
System Interface	RS-232, USB
PHYSICAL	
Dimension	152.3 x 64.4 x 104.9 mm (device only)
Weight	86.5 g (device only)
Cable	Standard 2M straight
POWER	
Input Voltage	5 VDC ±10%
Operating Current	150 mA @ 5V (Typical)
REGULATORY	
EMC	CE & FCC DOC compliant, VCCI, BSMI, UKCA
Safety	IEC 62471
ENVIRONMENTAL	
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Humidity	5% ~ 95% RH (non-condensing)
Light Level	0 – 100,000 Lux
Drop Durability	Designed to withstand 1.5M drops
DECODING CAPABILITY	
1D Barcode	UPC/EAN (UPCA/UPCE/ EAN-8/ EAN-13), Code 128, Code 93, Code 39, Code 32, Code 11, Codabar, Plessey, MSI, 2 of 5 (Interleaved, IATA, , Matrix, Straight), Pharmacode, GS1 DataBar, GS1 DataBar Expanded, GS1 DataBar Limited
2D Barcode	PDF417, Micro PDF417, Data Matrix, QR Code (Standard, Micro), Aztec, MaxiCode, DotCode



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