ON-COUNTER SCANNER

Z-8182
2D Image On-Counter Scanner

2D | **LCD Friendly** | **1.0M DROP TEST** | **(Lux) 0~100,000 Light Level** | **IP5X IP CODE** | **GS1 / FMD**

The Z-8182 on-counter scanner offers flexibility with 2D image reading. The new imagine technology allows versatile functionality with both 1D and 2D barcodes that satisfy your needs on regular market labels and consumer 2D coupons. Z-8182 not only provides efficiency with its instant decoding performance, it offers the convenience of excellent swipe speed and wide scan zone.This powerful device is ready for all heavy-loading challenges in retails.

• High speed and reliable performance on common 1D and 2D barcodes
• Exceptional motion tolerance, up to 4 meters per second
• Reads barcodes effortlessly off cell phone screens
• Healthcare label compliance: Supports GS1 and FMD format, can scan barcodes on medicine and vaccine

1.Artistic & clear light fiber indication design
2.IP5X enclosure and 1.0M drop durability design
3.Multi-interface support & VESA 100 mount compatible

OPERATIONAL

Aiming Element	617 nm LED
Image Sensor	1280 x 800 CMOS
Scan Angle	56.0° horizontal; 37.0° vertical
Sensitivity	360° (omnidirectional rotational sensitivity)
Depth of Field	Code39 (5 mil) : 0 – 80 mm
	EAN 13 (13 mil) : 0 – 220 mm
	(Note : DOF may vary depending on environment condition and barcode quality.)
Min. Bar Width	4 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Indicator	Two-colorLED (blue,red)
Programmable Operation	Volume,Beepertone
System Interface	RS-232, USB

PHYSICAL

Dimension	151.8 x 152.2 x 85.0 mm (device only)
Weight	470 g
Interface Cable	Standard 2M straight

POWER

Input Voltage	5 VDC ±10%
Operating Current	190 mA @ 5V (Typical)

REGULATORY

EMC	CE & FCC DOC compliant; VCCI; 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)
Light Levels	0 - 100,000 Lux (fluorescence)
Drop Durability	Designed to withstand 1M drops

DECODING CAPABILITY

1D Barcode	UPC/EAN (UPC-A / UPC-E, EAN-8 & EAN-13, ISBN (Bookland), ISSN), Code 39 (Standard,Full ASCII, Trioptic, Code 32 (italian Pharmacode), Code 128, Code 93, Codabar, 2 of 5 (interleaved 2 of 5, Discrete 2 of 5, IATA, Chinese 2 of 5, Matric 2 of 5, Code 11), MSI Plessey, GS1 DataBard (Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked)
2D Barcode	PDF417, MicroPDF417, Composite Codes (CC-A, CC-B, CC-C), Aztec (Standard, Inverse), Maxicode, Data Matrix / ECC 200 (Standard, Inverse), QR Code (Standard, Inverse, Micro)