SCAN MODULE

Z-5132 GT
2D Image Scan Module

2D | **LCD Friendly** | **1.5M DROP TEST** | **IP65 IP CODE** | **IR detect**

Image Capture | **GS1 / FMD**
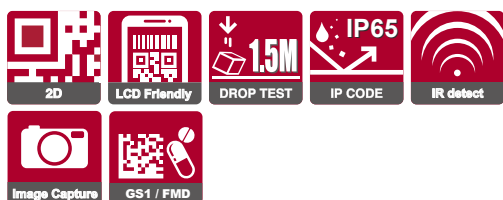
Featuring a profoundly dependable exterior, Z-5132 GT can endure tough environments and temperature. The scan module out performs competition with its powerful 2D engine and excels in scanning accuracy and precision. With its sturdy and compact design, Z-5132 GT is a great choice for all embedded products such as kiosk, self-service, and ticket terminals.

- Slim 2D module
- Rugged type product
- Exceptional motion tolerance
- High speed and reliable performance on all common 1D and 2D codes
- Captures barcodes on mobile phone, tablet, or computer screens
- Healthcare label compliance: Supports GS1 and FMD format, can scan barcodes on medicine and vaccine

1. Slim size for easy installation
2. LED indication, trigger button
3. Mounting holes、buzzer

OPERATIONAL

Light Source	617 nm visible LED
Illumination Element	White LED
Image Sensor	1280 x 800 CMOS
Scan Angle	38.6°H x 24.9° V
Depth of Field	Code39 (5 mil): 60 – 160 mm
	EAN 13 (13 mil): 40 – 280 mm
	(Note: DOF may vary depending on environment condition and barcode quality.)
Minimum Resolution	4 mils (Code39)
Print Contrast	30% @ UPC/EAN 100%
Indicator	Blue LED
Programmable Operation	Scan mode, Beeper tone
System Interface	Micro USB

PHYSICAL

Dimension	19 x 38 x 38.6 mm (device only)
Weight	22 g
Interface Cable (Option)	USB, RS-232

POWER

Input Voltage	5 VDC ± 10%
Operating Current	125 mA @ 5V (Typical)

REGULATORY

EMC	CE & FCC DOC compliant; VCCI; BSMI, UKCA
Safety	IEC 62471 Exempt

ENVIRONMENTAL

Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)
Storage Temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Humidity	5% ~ 95% RH (non-condensing)
Drop Durability	Designed to withstand 1.5M drops
Environmental Sealing	IP65
Light Level	Max. 100,000 Lux
Vibration	4.45 grms, 20-2000Hz, 3 axes
Shock	3000g/ 0.3ms/ 6 faces

DECODING CAPABILITY

1D Barcode	UPC/EAN (UPCA/UPCE/ 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, Matrix 2 of 5, Code 11), MSI Plessey, GS1 DataBar (Omnidirectional, Truncated, Stacked, Stacked Omnidirectional, Limited, Expanded, Expanded Stacked)
2D Barcode	PDF417, MicroPDF417, Aztec (Standard, Inverse), Maxicode, Data Matrix/ECC 200 (Standard, Inverse), QR Code (Standard, Inverse, Micro) Composite Codes (CC-A, CC-B, CC-C)

Point-of-Sale | **Price Checker Info Kiosk** | **Gaming / Lottery** | **Medical**

Membership / Staff | **Mobile Payment** | **Inventory Management** | **Factory Automation**

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