Z-5212 Plus **NEW**
2D Image Scan Engine

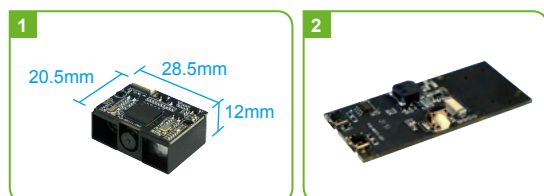| 2D	LCD Friendly	Decoder Built-in	Image Capture	Light Level (Lux) 0~100,000
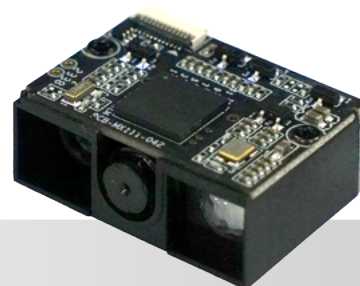
Expertly designed to surpass expectations, the Z-5212 Plus transcends its role as a mere solution; it's a game-changer, unleashing remarkable scanning speed and cost-effective performance. From decoding intricate Maxicodes to elusive Dotcodes, this state-of-the-art device effortlessly handles various barcodes. Precision-engineered for seamless integration, its carefully configured pins align effortlessly with all major brands, ensuring universal compatibility. With optimal performance and a smooth, intuitive setup process guaranteed, the Z-5212 Plus redefines excellence in barcode scanning, setting a new standard in efficiency and convenience.

- No separate decoder board required
- Flexible interface communications
- Outstanding 1D and 2D scanning performance
- Affordability unleashed
- Simplified integration
- Compact efficiency
- Screen-ready scanning

1. Miniature in size with superb performance
2. Demo board

OPERATIONAL

Light Source	617 nm visible LED
Illumination Element	White LED
Optical System	1280 x 800 CMOS
Field of View	46°H x 29° V
Pitch / Roll / Skew Angle	±60° / 360° / ±60°
Depth of Field	Code39 (4 mil) : 50 - 130 mm
	Code39 (5 mil) : 45 - 160 mm
	EAN 13 (13 mil) : 55 - 300 mm
	QR Code (7 mil): 50 - 125 mm
	Data Matrix (7 mil): 40 - 130 mm
	(Note: DOF may vary depending on environment condition and barcode quality.)
Print Contrast	30% @ UPC/EAN 100%
Indicator	Decode LED output signal
Programmable Operation	Scan mode, Beeper output signal
System Interface	12 pin ZIF connector

PHYSICAL

Dimension	28.5 (W) x 12 (H) x 20.5 (D) mm
Weight	6.3g

POWER

Input Voltage	3.3 VDC
Standby Current	40 mA ±5%
Operating Current	100 mA ±5%@ 3.3V (Typical)

REGULATORY

EMC	CE & FCC DOC compliance, VCCI, BSMI, UKCA
Safety	IEC 62471

ENVIRONMENTAL

Operating Temperature	-20°C ~ 55°C
Storage Temperature	-40°C ~ 70°C
Humidity	5% ~ 95% RH (non-condensing)
Light Levels	0 to 100,000 lux

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

Medical | Mobile Payment | Point-of-Sale | Self Check-In

ATM Banking | Price Checker Info Kiosk | Gaming / Lottery | Entrance Control

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