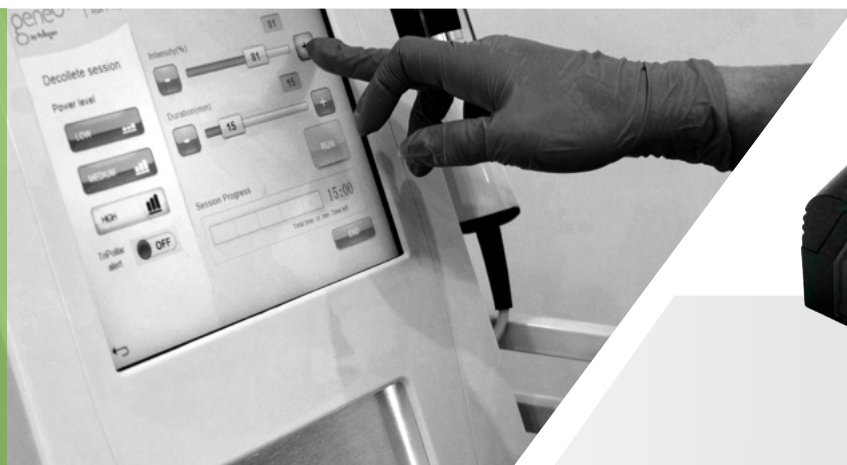


## Z-5552 Plus NEW 2D Image Scan Module



Z-5552 Plus provides dependable performance in a sleek, durable design. At its core is a cutting-edge 2D engine that ensures every scan is lightning-fast and accurate, even with poorly printed or damaged barcodes. Built for versatility, it reads barcodes on everything from traditional labels to smartphone screens, adapting seamlessly to modern workflows. Its durable metal housing not only enhances the scanner's premium feel but also improves heat dissipation for sustained, reliable use. With features like a full-flat scanning window for effortless cleaning and an IP54-rated design for water and dust resistance, the Z-5552 Plus is made to handle demanding environments. Whether you're in healthcare, retail, banking, or smartphone applications, this scanner is crafted to exceed your expectations.

- Unmatched motion tolerance for fast scanning
- Blazing-fast decoding of 1D and 2D codes
- Reads barcodes from screens with ease
- Full-flat window for easy cleaning
- IP54-rated water and dust protection
- Healthcare-ready with GS1 and FMD support

1. Durable metal housing with heat dissipation
2. Side cable output for added flexibility
3. Tripod socket & mounting holes



### OPERATIONAL

Light Source	617 nm LED
Illumination Element	617 nm LED
Image Sensor	1280 x 800 CMOS
Scan Angle	44.4° H x 29.1° V
Sensitivity	360° ( omnidirectional rotational sensitivity )
Depth of Field	Code39 ( 5 mil ) : 65 – 115 mm EAN 13 ( 13 mil ) : 40 – 250 mm (Note: DOF may vary depending on environment condition and barcode quality.)
Minimum Resolution	4 mils ( Code39 )
Print Contrast	30% @ UPC/EAN 100%
Indicator	Two-color LED ( blue, red )
Programmable Operation	Scan mode, Beeper tone
System Interface	RS-232, USB

### PHYSICAL

Dimension	64.2 x 47 x 25.7 mm ( device only )
Weight	145 g
Interface Cable	Standard 2M straight

### POWER

Input Voltage	5 VDC ± 10%
Operating Current	230 mA @ 5V ( Typical )

### REGULATORY

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

### ENVIRONMENTAL

Operating Temperature	-20°C ~ 50°C ( -4°F ~ 122°F )
Storage Temperature	-20°C ~ 60°C ( -4°F ~ 140°F )
Humidity	5% ~ 95% RH ( non-condensing )
Drop Durability	Designed to withstand 1.5M drops
Light Level	Max. 100,000 Lux

### 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, Composite Codes (CC-A, CC-B, Aztec (Standard, Inverse), Maxicode, Data Matrix/ ECC 200(Standard, Inverse), QR Code (Standard, Inverse, Micro)

