

## Z-8072 Ultra 2D Image Hands-Free Scanner



The Z-8072 Ultra 2D Image Hands-Free Scanner provides great features with enhanced performance.

The powerful 2D Scanner and the compact size allow users to aim intuitively with accuracy even if space is limited. Furthermore, it is designed to read barcodes off smart phone screens even when they are in low backlight settings. It is the perfect solution for any space-constrained environments.

- Enhanced to quickly scan barcode at low-brightness on smart phone screen
- Enhanced scanning on reflective surfaces
- Enhanced scanning sensitivity, range, and speed
- Easy to use; setting change not necessary for different applications
- Healthcare label compliance: Supports GS1 and FMD format, can scan barcodes on medicine and vaccine

1. Distinctive indicator
2. Large button & slip proof design
3. 45° tilting angles



### OPERATIONAL

Aiming Element	617 nm LED
Illumination Element	617 nm LED
Image Sensor	1280 x 800 CMOS
Scan Angle	44.4° horizontal; 29.1° vertical
Depth of Field	Code39 ( 3 mil ) : 0 – 30 mm Code39 ( 5 mil ) : 0 – 50 mm EAN 13 ( 13 mil ) : 0 – 210 mm (Note : DOF may vary depending on environment condition and barcode quality.)
Min. Bar Width	6.8 mil ( PDF 417 ), 3 mil ( Code 39 )
Print Contrast	30% @ UPC/EAN 100%
Indicator	Color LED
Programmable Operation	Scan mode, Beeper tone
System Interface	RS-232, USB

### PHYSICAL

Dimension	145.0 x 80.2 x 97.0 mm
Weight	250 g

### POWER

Input Voltage	5 VDC ±10%
Operating Current	220 mA @ 5V ( Typical )

### REGULATORY

EMC	CE & FCC, VCCI, BSMI
Safety	IEC 62471 Exempt

### ENVIRONMENTAL

Operating Temperature	0°C ~ 50°C ( 32°F ~ 122°F )
Storage Temperature	-40°C ~ 70°C ( -4°F ~ 158°F )
Humidity	5% ~ 95% RH ( non-condensing )
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)

