

HANDHELD SCANNER

VER. 20260923

Z-3572 **NEW**

2D Image Handheld Scanner



The Z-3572 is a high-performance industrial barcode scanner. Its dual-lens design automatically switches between red and white LED modes for near and long-range scanning, powered by dual 1280x1080 CMOS sensors for fast, precise decoding.

Built for harsh environments, it features IP54-rated protection, survives 2.0m drops, and provides feedback through beeper, LED, and vibration alerts. Operating from 0 °C to 50 °C and up to 100,000 Lux, it maintains stable performance under tough conditions.

With RS232 and USB (HID or CDC) interfaces, it supports a wide range of 1D and 2D codes including Code 128, QR, DataMatrix, and PDF417, making it ideal for warehouse automation, production lines, and toll collection systems.

- IP54 Rating: Dust-tight and water-jet protected
- Durability: Withstands multiple 2.0-meter drops to concrete
- Short & Long-range dual-Lens code reading
- Extended scanning range up to 6 meter

1. Rugged exterior
2. Long-range code reading



OPERATIONAL

Illumination Element	White / Red
Optical System	1280 x 1080 Dual-CMOS
Scan Angle	28°H x 22° V 11.5°H x 9° V (long range)
Depth of Field	EAN 13 (13mil) : 90 – 1650 mm Code 39 (5mil) : 120 – 360 mm DM (200mil) : 280 – 7400 mm QR code (10 mil) : 65 – 200 mm (Note : DOF may vary depending on environment condition and barcode quality.)
Min. Bar Width	1D : ≥5 mil ; 2D : ≥10 mil
Print Contrast	≥30% (UPC/EAN 100% , PCS 90%)
Indicator	Beeper 、LEDs 、Vibration
Programmable Operation	Beeper tone
System Interface	RS232 、USB (HID ; CDC)

PHYSICAL

Dimension	181 (W) x 102 (D) x 77 (H) (mm)
Weight	253g

POWER

Input Voltage	5V DC
Operating Current	260 mA (Typical)
Standby Current	100 mA

REGULATORY

EMC	CE, FCC, VCCI, BSMI, UKCA
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ENVIRONMENTAL

Operating Temperature	0°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Humidity	5% ~ 95% (Non-Condensing)
Light Level	0 ~ 100,000 Lux (Sunlight)
Drop Durability	2.0 m
Environmental Sealing	IP54

DECODING CAPABILITY

1D Barcode	UPC A, UPC E, EAN 8, EAN 13, Code 128, Code 39, Code 93, Codabar, Plessey, MSI, Interleaved 2 of 5
2D Barcode	Data Matrix, QR, Micro QR, PDF417 , MicroPDF417



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Product availability and specifications depend on territory market strategy; all are subjects to change without prior notice.

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