

# ZKB107

## 1D Barcode Scanning Platform



ZKB107 is a high performance 1D barcode scanning platform with, 20-line rastering omni-directional scan pattern for increased productivity to no matter novice and expert users, resulting in shorter checkout lines, better customer satisfaction.

### Features

- 32-bit dual-chip decoding CPU
- High-speed decoding
- USB drive
- Omni-directional scanning
- Long depth of field
- Single-line scanning function

### Application Scenario

Apply in express, supermarket cashier, clothing store inventory, warehouse inventory and other industry.

# Specifications

Mechanical Characteristics	
Dimensions	100mm × 95mm × 150mm
Weight	330 g, without cable
Cable	Straight 2.0 m
Connector Type	RJ-45
Indicator	LED
Interface Supported	RS-232, USB Keyboard, USB virtual COM
Electrical Characteristics	
Input Voltage	4.5 – 5.5 VDC
Current	235 mA
Scan Performance	
scanning speed	1500 lines/s
Scanning patterns	All-orientation space scanning(20 laser lines,5 directions)
Print Contrast	30% minimum reflective difference(UPC/EAN 100%)
Decoding Capability	1D: UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey.
Minimum Resolution	0.102mm(4mil)@Code 39, PCS=90%
Decoding Depth	0 mm – 300 mm
Environmental Characteristics	
Temperature	operating: -10° to 50°C (14° to 122°F); storage: -20° to 60°C (-4° to 140°F)
Humidity	5% to 95% (non-condensing)
Safety	EMC: EN55022, EN55024   Electrical Safety: EN60950-1   Sealing: IP54
	EMI:EN50081   Drop Resistance: Withstands multiple 1.5 m drops to concrete

