

# ZKB102

## 1D CCD Barcode Scanner



ZKB102 is an industrial hand-held one-dimensional gun-type barcode scanner which has a good reading performance. It can easily read barcodes on different medium such as paper, commodity, and screen. It can be mainly used in mobile payment, barcode scanning, inventory checking, etc.

### Features

- Integrated red light structure, anti-vibration;
- High-performance MCU is used to easily identify all mainstream one-dimensional barcodes in the market;
- Easy to read 4mil barcodes and meet the daily scanning needs;
- Able to read barcodes on different medium such as paper, plastic, screen and such, with the Red Light CCD technology.

# Specifications

General	
Weight	<160g (without wire)
Dimensions (L×W×H)	175mm × 72mm × 100mm
Wire length	1.8m
Interface type	Standard USB (Full Speed, USB 2.0)
Material	ABS+PC
Color	Black
User indicators	LED, buzzer
Scanning Performance	
Light source	Linear CCD Sensor
Processor	ARM32-bit
Startup time	4s
Analytical ability	≥4mil/0.1mm (PCS90%,CODE 39)
Depth of focus	50mm~500mm
Scanning mode	Manual scanning, automatic scanning, Scintillation reading
Reading angle	Roll: ±30°; Pitch: ±60° (or greater); Yaw: ±60°test
Input power	85mA @ 5V DC
Scanning speed	300 times per second
Decode capabilities	UPC-A, UPC-E, EAN-8, EAN-13, ISSN, ISBN, Code 128, GS1-128, ISBT 128, Code 39, Code 93, Code 11, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Standard 2 of 5 (IATA), Codabar (NW-7), Plessey.
Environmental	
Operating temperature	-20°C to 50°C
Storage temperature	-40°C to 60°C
Relative humidity	5% to 95% (non-condensing)
Protection level	IP54
Drop Test	1.8m, 100times
High and low temperature test	Work properly for 30 minutes under simulation of temperature of -20°C and 60°C
Transport vibration test	10H@125RPM

