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℃ to 50℃
Storage temperature	-40℃ to 60℃
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℃ and 60℃
Transport vibration test	10H@125RPM