ZKB201
2D Barcode Scanner

ZKB201 is an economical two-dimensional scanning scanner with simple integration, stable performance, and fast scanning speed. It also supports manual trigger and automatic continuous scanning mode.

Advanced CMOS image recognition technology, intelligent image recognition system, and patent lighting technology are applied. Therefore, the scanner can read all kinds of one-dimensional and two-dimensional barcodes in high-speed and all-around way.

Features

• Plug and play without driver installation;

• Direct transmission of information of multi-language barcodes;

• Adopt 32-bit master chip and patented software;

• Maintain long-term sensitivity.

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	Lighting: white LED; Focusing: Green LED; Wavelength: 525nm
Image sensor	640×480 CMOS
Processor	ARM32-bit
Startup time	4s
Analytical ability	1D: ≥5mil; 2D: ≥8.7mil @PCS90%
Depth of focus	5mil: 50~130mm;13mil: 50~270mm
Scanning mode	Manual scanning, automatic scanning
Reading angle	Roll: ±360°; Pitch: ±60° (or greater); Yaw: ±70° (or greater)
Field of view	Horizontal 40°, Vertical 30°
Motion tolerance	2.3m/s
Input power	160mA @ 5V DC
Light levels	70000Lux
Decode capabilities	1D: Codabar, Code39, Code32, Interleaved 2 of 5 (ITF25), Industrial 2 of 5, Matrix 2 of 5, Code93, Code11, Code128, Gs1-128, UPC-A, UPC-E, EAN/JAN-8, EAN/JAN-13, ISBN, ISSN, GS1 databar, GS1 databar limited, GS1 databar expanded 2D: PDF417, Micro PDF417, QR Code, Micro QR, Data Matrix, Aztec

Environmental	
Operating temperature	-20℃ to 55℃
Storage temperature	-20℃ 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

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