

ZKB202

2D Wireless Barcode Scanner



ZKB202 is an economical two-dimensional imaging wireless scanner. It, with fast scanning speed, supports manual trigger and automatic continuous scanning mode. Using advanced CMOS image recognition technology, intelligent image recognition system, patent lighting technology, it can read all kinds of one-dimensional and two-dimensional barcodes in a 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;
- Adopt 2.4GHz wireless transmission technology to support reliable transmission of wireless distance up to 150m;
- Large capacity storage (16MB), supporting storage of 100000 commodity data.

Specifications

General	
Weight	210g (without wire)
Dimensions (LxWxH)	175mm x 72mm x 100mm
Wire length	1.8m
Interface type	2.4G, USB cable is used to connect the base and PC
Material	ABS+PC
Color	Black
User indicators	LED, buzzer
Scanning Performance	
Light source	Lighting: white LED; Focusing: Green LED; Wavelength: 525nm
Image sensor	640x480 CMOS
Processor	ARM32-bit
Startup time	4s
Analytical ability	1D: $\geq 5\text{mil}$; 2D: $\geq 8.7\text{mil}$ @PCS90%
Depth of focus	5mil: 50~130mm; 13mil: 50~270mm
Scanning mode	Manual scanning, automatic scanning
Reading angle	Roll: $\pm 360^\circ$; Pitch: $\pm 60^\circ$ (or greater); Yaw: $\pm 70^\circ$ (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 parameters	
Operating temperature	-20°C to 55°C
Storage temperature	-20°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
Wireless performance	
Wireless standard	2.4GHz
Transmission distance	150m (Outdoor open environment)
Storage capacity	100000 commodity codes (16MB)
Battery capacity	1600mAh
Battery charging time	About 5 hours
Continuous working hours	$\geq 12\text{hours}$ (or 60000 times)

