

ZKB202S

2D Wireless Image Barcode Scanner



1D/2D



Electronic Screen
Code



360° Scan



Fast Reading



Double Lamp
Design



Plug and Play

Features

- Compatible with various LCD and OLED mobile phone screen codes and paper product codes;
- Quickly read all common 1D/2D barcodes;
- Ultra-high decoding performance, support barcode reading of high density, dirty, damaged and complete information;
- Intelligent white auxiliary light illumination, soft red aiming indicator, bring comfortable scanning experience.

Applications



Supermarkets



Warehouse



Express Logistics

Specifications

Physical Parameters	
Dimensions(L*W*H)	167.3*70.5*81.5 (mm)
Weight	170g
Voltage & Current	5 VDC Operating: 190mA (Standby: 60mA)
Color	Black and Gray (White, optional)
Support Host Interface	2.4GHz (2.4GHz+Bluetooth, optional)
User Indicators	Decode LED Indicator; Beeper (adjustable tone and volume)
Performance Parameters	
Scan Mode	Manual Reading Mode
Light Source	Aiming Pattern: 650nm true red LED
Illumination	White LED
Scan Speed	10cm/second
Field of View	Horizontal: 41°; Vertical: 31°
Image Sensor	640*480 pixels
Minimum Print Contrast	25%
Roll Tolerance	0°-360°
Pitch Tolerance	±60°
Skew Tolerance	±55°
Minimum Element Resolution	Code 39: 4mil; Code 128: 4 mil; Data Matrix: 6 mil; QR Code: 6.7mil
Decode Capability	1D: UPC-A, UPC-E, EAN-8, EAN-13, ISSN, ISBN, Code 128, ISBT 128, Code 39, Code93, Code 11, Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5, Standard 2 of 5 (IATA), Codabar (NW-7) 2D: QR Code, Micro QR Code, Data Matrix, PDF417, Micro PDF 417, MaxiCode, Aztec, HanXin Code, etc.
Wireless Connectivity	
Radio Range	2.4GHz: 60m (Bluetooth: 15m)
Wireless Communication Mode	Synchronous Mode; Storage Mode
Battery Type	18650 Li-ion Battery
Battery Capacity	2000 mAh
Operating Time Per Full Charge	≥12 Hours
Standby Time Per Full Charge	≥4 Weeks
Charge Time(from Empty)/Standard USB	5 Hours
Environmental Parameters	
Operating Temperature	-20°C to 50°C
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% relative humidity, non-condensing
Electrostatic Discharge (ESD)	±2KV Direct; ±8KV Air
Ambient Light Immunity	10000 lux Max
Decode Ranges	
Symbology / Resolution	Near/Far
Code 39: 4 mil	4 cm to 10 cm
Code 39: 5 mil	4 cm to 13 cm
Code 39: 13 mil	4 cm to 25 cm
Code 39: 20 mil	6 cm to 30 cm
EAN-13: 13 mil	3 cm to 25 cm
UPC-A: 13 mil	3 cm to 25 cm
QR Code: 20mil	5 cm to 20 cm
PDF417: 13mil	5 cm to 20 cm

