ZKB104

1D CCD Wireless Barcode Scanner

ZKB104 is a wireless industrial hand-held one-dimensional gun-type barcode scanner with good reading performance. It can easily read barcodes on different mediums such as paper, commodity, screen, etc.

The product adopts enhanced wireless 2.4G transmission technology. The outdoor environment's effective distance can reach more than 150 meters and support both wired and wireless transmission modes. 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;

• Enhanced wireless 2.4G transmission technology, reliable outdoor open transmission distance up to 150 meters, while supporting wired transmission without switching;

• Support multiple working modes (manual, long light, flashing)

• 16MB storage, support synchronous mode scan and transfer, support storage mode, and store more than 100,000 commodity codes in large capacity;

Specifications

General	
Weight	About 210g (without wire)
Dimensions (L×W×H)	175mm × 72mm × 100mm
Wire length	1.8m
Interface type	USB (standard) 2.4G
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	Rol: ±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.

Wireless Performance	
Wireless standard	2.4GHz (IMS)
Transmission distance	150m (Outdoor open environment)
Storage capacity	100000 commodity codes (16MB)
Battery capacity	1600mAh
Battery charging time	About 5 hours
Continuous working hours	≥20hours
Standby time	4 weeks

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