

# ZKB105

## 1D Laser Wireless Barcode Scanner With Base



ZKB105 is a high-performance 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.

Charging the communication base makes charging and placing operation more convenient. It can be mainly used in mobile payment, barcode scanning, inventory checking, etc.

### Features

- Ergonomic design, more convenient operation, more comfortable grip;
- Enhanced wireless 2.4G transmission technology, reliable outdoor open transmission distance up to 150 meters, while supporting wired transmission without switching;
- 16MB storage, support synchronous mode scan and transfer, support storage mode, and store more than 100,000 commodity codes in large capacity;
- Indicator and buzzer can clearly reflect the scanning results;
- Charging communication base makes charging and placing operation more convenient.

# Specifications

General	
Weight	About 210g (Scanner); 235g (Base receiver)
Dimensions (LxWxH)	175mm × 72mm × 100mm (Scanner); 200mm × 90mm × 51mm (Base receiver)
Wire length	1.8m
Interface type	2.4G, Standard USB (Full Speed ,USB 2.0)
Material	ABS+PC
Color	Black
User indicators	LED, buzzer
Scanning Performance	
Light source	Visible laser diode, wavelength: 525nm
Processor	ARM 8-bit
Startup time	4s
Analytical ability	≥3mil/0.076mm@PCS90%
Depth of focus	0-50cm
Scanning mode	Manual scanning, Constant light scanning
Reading angle	Roll: ±30°; Pitch: ±60° (or greater); Yaw: ±50° (or greater)
Input power	85mA @ 5V DC
Scanning speed	250 times per second
Light levels	5000Lux
Decode capabilities	EAN/JAN-8, EAN/JAN-13, UPC-A, UPC-E, CODE 39, CODE 93, CODE128, Codabar, GS1-128, Interleaved 2 of 5, MSI, ISBN/ISSN, ISBT, etc.
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	0°C to 50°C
Storage temperature	-30°C to 60°C
Relative humidity	5% to 95% (non-condensing)
Protection level	IP54
Drop Test	1.8m
High and low temperature test	Work properly for 30 minutes under simulation of temperature of -30°C and 60°C
Transport vibration test	10H@125RPM

