

ZKB201

Hand-held Barcode Scanner



ZKB201 adopts advanced image barcode reading technology. Whether a paper barcode or an electronic screen barcode, it can read quickly, making your scanning easier.

Features

- High performance in decoding barcodes on electronic screens
- Plug-and-play interfaces enable the scanner to be used with different host devices
- Image auto-induction technology supports free switch between handheld and auto-detection modes
- Soft white auxiliary lighting and green aimer deliver comfortable and convenient scanning experience
- Ergonomic finishing grip offers more comfort.

Application Scenarios

- Retail chains, office automation, mail/parcel sorting and distribution

Specifications

Mechanical Characteristics	
Scanner	2D Linear
From Factor	Hand Held with a Stand for Mounting the Scanner
Light Source	White LED
Weight	116 g (without cable)
Cable	Straight 2.0 m
Connector Type	RJ-45 phone jack connector,
Indicator	Beeper, LED
Interface Supported	RS-232, USB Keyboard, USB virtual COM
Operating Mode	Hand-held, Auto-detection
Programming Method	Manual (reading special barcode)
Electrical Characteristics	
Input Voltage	3.8 – 5.5 VDC
Current	85 mA (standby) @ 5 VDC, 265 mA (working) @ 5 VDC
Scan Performance	
Image Sensor	1MP 1280*800 pixels
Imager Field of View	Horizontal: 40°, Vertical: 30°
Scanning Angle	±60°, ±40°, 360° (skew, pitch, roll)
Print Contrast	20% minimum reflective difference
Decoding Capability	1D: UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, Telepen, GS1 DataBar (formerly RSS) variants 2D: PDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, MicroQR Code
Minimum Resolution	1D: 4 mil (Code 128), 2D: 6.7 mil (PDF417)
Decoding Depth	4 mil Code128 (9 chars): 40 mm – 70 mm
	10 mil Code39 (3 chars): 20 mm – 185 mm
	13 mil UPC (6 chars): 15 mm – 190 mm
	20 mil Code39 (1 char): 45 mm – 320 mm
	6.7 mil PDF417 (20 chars): 28 mm – 90 mm
	10 mil QR (20 chars): 18 mm – 115 mm
	10 mil DM (20 chars): 18 mm – 115 mm
20 mil QR (20 chars): 20 mm – 245 mm	
Environmental Characteristics	
Temperature	-10°C ~ 50°C (14°F ~ 122°F), operating; -20°C ~ 60°C (-4°F ~ 140°F), storage
Humidity	5% ~ 95% (non-condensing)
Safety	EMC: EN55022, EN55024 Electrical Safety: EN60950-1 Sealing: IP54 Photo biological Safety: EN62471:2008 Illumination: 0 ~ 100,000 LUX Drop Resistance: Withstands multiple 2.0 m (6.6 ft.) drops to concrete
Certifications	CE, FCC & BIS

