



iData J15-BT

Generic wireless Bluetooth scanner

No cable limit, improve the efficiency of more workers

iData J15-BT is a generic wireless Bluetooth scanner that enables workers to operate in a wider range with no cable limit. It can be widely used in retail stores, logistics warehouses, and express sorting scenarios. J15-BT reduces customers' waiting time, speeds up the turnover rate of logistics. Workers from different positions can benefit greatly from using J15-BT scanner.

High-efficient Bluetooth transmission, no cable limit

The scanner connects with the base by Bluetooth 5.0, the transmission distance can reach up to 70m, it supports wireless long-distance scanning. The workers who work far away from their seats now are able to scan confidently without cable tangle concerns.

A comfortable scanning experience

Both the streamline pistol grip and high-bouncing trigger make the scanning more comfortable. The combination of Soc NPU acceleration technology and SmartLight 3.0 decoding algorithm, J15-BT can easily tackle hard-to-recognized barcodes, including the wrinkled ones in retail commodities, and the vague, damaged ones on parcel bags.

Multi-system support, simply plug and use

Support Windows, Android, Linux and other systems, almost cover retail, logistics, warehousing and many other industries of system adaptation. With USB connection, simply plug and use, no need to install software and debug.



Store
management



Inventory
Management



Cashier
management



Production
management

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J15-BT Technical Specifications

Performance Parameter

Light Sensor	1280*1080 pixels
Light Source	WHITE

Physical Parameter

Size (H*W*D)	175.5mm (H) *85.3mm (W) *64.5mm (D)
Weight	Scanner 212g, Base 200.5g
Working Voltage	4.5V~5.5V (DC)
Current	35mA (Base uncharged)
Interface	USB-HID, USB-CDC
Reminder	Buzz reminder/LED reminder
Housing Material	PC+ABS

Code System

1D	code128, EAN-8, EAN-13, UPC-A, UPC-E, codabar, code11, code32, code39, code93, Interleaved 2 of 5, Matrix 2 of 5, IATA 2 of 5, UK Plessey, MSI Plessey, GS1 DataBar, etc.
2D	Aztec, Data Matrix, Micro PDF 417, PDF 417, QR, Micro QR, Han xin code, Grid Matrix, etc.

Decoding Range

Barcode	HD (High Density)	SR (Standard Range)
3.33mil Code128	4.5cm~11cm	8.0cm~13cm
10mil Code128	2.5cm~20cm	3.0cm~44cm
10.83mil QR Code	2.5cm~15.0cm	5.0cm~25cm
20.83mil QR Code	2.5cm~22.0cm	2.5cm~46cm

Wireless Transmission Performance BT

Bluetooth	Bluetooth 5.0
Range	2402MHz~2480MHz
Transmission distance	Up to 70m in open space
Communication mode	Real-time mode/Batch mode

Scanning Performance

Scanning Accuracy	≥3mil
Scanning Angle	(pitch): ±65°; (skew): ±45°; (tilt): 360°
View Angle	Horizontal: 39.6°, Vertical: 33.8°, Diagonal: 50.4°
Minimum Reading Contract	15%
Motion Tolerance	15mil code128 1.5m/S

Environment Parameter

Working Temperature	0°C~50°C
Storage Temperature	-40°C~70°C
Humidity	5%~95% (No condensation)
Ingress Protection	IP52
Drop Specification	Multiple drops to concrete floor from the height of 1.8m
Ambient Light	0Lux~100000Lux
ESD Protection	±15KV (air discharge), ±8KV (contact discharge)

Scanning Configuration

Battery Life	2600mAh
Charging Time	5 Hour (5V/2A)
Working Time	≥12h
Scan Times	Up to 100,000 times for one single charge

Corresponding Regulations

Electric Safety	IEC 62368
Environmental Specification	RoHS directive 2011/65/EU, GB/T 26572
LED Safety	IEC 62471:2006
EMI/RFI	FCC Part 15 Class B, EN 55032:2015, EN 55035:2017

Accessories

Standard Accessories	USB cable*1, Power cord*1, user manual*1
Optional Accessories	Cradle