iData J15 Series

Generic Scanner

Improve the efficiency of more workers

iData J15 is a generic scanner, which has been widely used in retail stores, logistics warehouses, express sorting scenarios. It can reduce the customer waiting time, accelerate the turnover efficiency of logistics warehousing, workers in different industries can increase their working efficiency.

Quick barcode reading with iData scanning technologies

The combination of Soc NPU acceleration technology and SmartLight3.0 decoding algorithm has super barcode reading ability. Whether it is a wrinkled barcode in a retail product or a blurred or damaged barcode on a courier package, it can quickly complete the identification and reading, ensuring smooth and stable scanning operations.

Comfortable scanning operation experience

The streamlined handle provides a comfortable and stable grip, effectively reducing fatigue while also increasing the accuracy of scanning; the high rebound trigger button allows the fingers to maintain a good state under high-intensity work, easily cope with massive scanning tasks, and provide work comfort and work efficiency.

Multi-system support, plug and play

Support driver-free installation of Windows, Android, Linux and other systems, and is highly compatible with systems in retail, logistics, warehousing and other industries, so it can be plug-and-play and put into work immediately without complicated installation and debugging.

Wired and wireless support to meet different operation needs

The wired version uses a standard USB interface and an optional RS232 serial port cable. The wireless version uses Bluetooth 5.0 to connect to the base, and the long-distance scanning transmission distance can reach 70m, so workers don't have to worry about cable entanglement.

J15-BT   J15

| Store management | Inventory Management | Cashier management | Production management |

J15 Series 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	Wired scanner: 158.5g Wireless scanner: 211g Wireless base: 200.5g
Working Voltage	4.5V~5.5V（DC）
Current	160mA（typical），400mA（maximum）
Interface	USB-HID，USB-CDC，RS232
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 2of 5、Matrix 2 of 5、IATA 2 of 5、UK Plessey、MSIPlessey、GS1DataBar, 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

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

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℃~50℃
Storage Temperature	-40℃~70℃
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)

Wireless Transmission Performance (Bluetooth version)

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

Scanning Configuration(Bluetooth version)

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

Accessories

Standard Accessories	Wired: USB cable*1，user manual*1 Bluetooth: Data cable*1, Power cable*1, user manual*1
Optional Accessories	Mounting Cradle, serial cable(wired version)

Official Website

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J15 Series Accessories

Wireless base

CHA-EXTD-J15(301140012)

Power adapter

CHA-PWAD-GNR-5V2A-CN(301040033)

Serial cable RS232

CHA-RS232-GNR(301030016)

Data cable USB

CHA-USBC-GNR(301030019)

Mounting cradle

MNT-MC-GNR(301020025)

Mounting cradle

MNT-MC-GNR-2(C01010058)

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