



iData J15^{NEW} Series

Generic Scanner

Strive to enhance workforce productivity

iData J15^{NEW} is a generic scanner that can be widely used in retail stores, logistics warehouses, express sorting, etc. It can reduce the waiting time for customers when shopping, accelerate the turnover efficiency of logistics warehousing, and enable different workers to simultaneously improve their work efficiency.

Using iData scanning technology to capture barcodes quickly

The combination of Soc NPU acceleration technology and SmartLight 3.0 decoding algorithm has super strong barcode reading capability. Whether it is wrinkled barcodes in retail products or blurry or damaged barcodes on express parcels, they can be identified and read quickly to ensure smooth and stable scanning operations.

Comfortable scanning operational experience

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

Dual-color light source with excellent performance

Newly upgraded red and white dual-color light source system, while strengthening the ability to quickly capture conventional barcodes, with AI algorithms can significantly improve the recognition accuracy of DPM codes, color barcodes and low-contrast barcodes, and improve the decoding speed of reflective materials, curved media and other special scenarios, to provide better working performance for logistics sorting, retail settlement, industrial manufacturing and other scenarios.

Cordless and corded support to meet different requirements

The corded version adopts a standard USB interface and can be optionally equipped with an RS232 serial port cable. The cordless version uses Bluetooth 5.3 to connect with the base, with a long-distance scanning transmission distance of up to 100m, no cable entanglement issues, workers can feel confident using this scanner.



J15NEW-BT

J15NEW



Store management



Inventory management



Cashier management



Production management

J15^{NEW} Series Technical Specifications

Performance Parameter

Light Sensor	1280*800 pixels
Light Source	White+Red

Scanning Performance

Scanning Accuracy	≥3mil
Scanning Angle	(pitch): ±70°; (skew): ±60°; (tilt): 360°
View Angle	Horizontal: 44.3°, Vertical: 28.6°, Diagonal: 51.1°
Minimum Reading Contract	15%
Motion Tolerance	15mil code128 1.5m/S

Code System

One-dimension	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
Two-dimension	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	5.0cm~12.5cm	11.0cm~25.0cm
10mil Code128	3.0cm~22.0cm	4.0cm~45.0cm
10.83mil QR Code	4.5cm~15.5cm	5.5cm~23.0cm
20.83mil QR Code	2.5cm~23.5cm	4.0cm~49.0cm

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

Physical Parameter

Size (H*W*D)	175.5mm (H) *85.3mm (W) *64.5mm (D)
Weight	corded scanner: 153.5g cordless scanner: 205.5g cordless base: 201g
Working Voltage	4.5V~5.5V (DC)
Current	200mA (standard) , 450mA (maximum) 35mA (the base is in uncharged status)
Interface	USB-HID, USB-CDC, RS232
Reminder	Buzz reminder/LED reminder
Housing Material	PC+ABS
Trigger Lifespan	Tested to survive over 5 million trigger presses

Environment Parameter

Working Temperature	-10°C~50°C
Storage Temperature	-40°C~70°C
Humidity	5%~95% (No condensation)
Ingress Protection	IP54
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)

Cordless Transmission Performance (Bluetooth version)

Bluetooth	Bluetooth 5.3
Range	2402MHz~2480MHz
Transmission distance	Up to 100m in open space
Communication mode	Real-time mode/Batch mode

Scanning Configuration(Bluetooth version)

Battery Life	2600mAh
Charging Time	3.5Hour (5V/2A)
Working Time	≥12h
Scan Times	Up to 100,000 times for one single charge

Accessories

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

The information of iData products and software service may be subject to change without notice. Please contact your iData sales representative for the latest details.



Official Website

WUXI IDATA TECHNOLOGY CO., LTD.

Address: Floor 11, Building B1, Wuxi (Binhu) National Sensing Information Center,
No.999 Gaolang East Road, Wuxi City, Jiangsu Province, P.R.C.

E-mail: sales@idataglobal.com

Website: www.idataglobal.com

J15^{NEW} Series Accessories

Cordless 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)

The information of iData products and software service may be subject to change without notice. Please contact your iData sales representative for the latest details.



Official Website

WUXI IDATA TECHNOLOGY CO., LTD.

Address: Floor 11, Building B1, Wuxi (Binhu) National Sensing Information Center,
No.999 Gaolang East Road, Wuxi City, Jiangsu Province, P.R.C.

E-mail: sales@idataglobal.com

Website: www.idataglobal.com