



U2 Handheld RFID Scanner

U2 is an industrial handheld two-dimensional code and RFID wireless scanner, using 300000 pixels global exposure camera, with excellent reading performance, you can easily read paper, commodity, screen and other different media bar code. Integrated UHF RFID reading function, the reading is sensitive, accurate and fast, and the reading distance is greater than 30cm. The product adopts enhanced wireless 2.4G transmission technology, and the effective distance can reach more than 60 meters in outdoor open environment. It supports wireless Bluetooth communication mode, and the effective distance can reach more than 30 meters in outdoor open environment. Both wired and wireless transmission modes can be supported. It can be mainly used in express business, warehousing logistics, medical and health care, mobile payment, inventory inventory, etc.

Product Features

- ❖ Durable exterior design for higher comfort;
- ❖ Connected wirelessly via Bluetooth and 2.4G
- ❖ Fast read and write speed, easy to operate
- ❖ Fast communication speed and strong anti-interference ability;
- ❖ Large capacity batteries support long-term operation



Auto parts



Logistics



Factory



Retail



Tools



Documentation

Parameter

Communication Mode		USB (USB-KBW, USB-COM) , 2.4G、Bluetooth
Barcode	Sensor	CMOS global shutter
	Pixel	300,000, 640*480
	Reading Precision	≥3mil/0.076mm (PCS90%,CODE 39)
	TPIAL	Red line aim light
	Floodlight	White LED
	Depth of Field	30mm~480mm (Different barcode range)
	Decoding Speed	65CM/S
	Scanning Mode	Trigger, Induction, Continuous
	Prompt Mode	LED、 Buzzer、 Vibrator
	Perspective	41° * 31°
	Reading Angle	Roll: ±360° , Pitch:±60° , Skew: ±55° <i>Test Conditions: CODE39,10mil/0.25mm,PCS90%</i>
	Print Contrast	≥15%
	Ambient Illumination	Dark Environment, Indoor Natural Light
	Code System	1D : UPC-A, UPC-E, EAN-8, EAN-13, ISBN, ISSN, Code 128, GS1-128, ISBT, Code 39, Code 32, Code 93, Code 11,Codabar (NW-7) , Interleaved 2 of 5, Matrix 2 of 5, Industrial 2 of 5(Straight 2 of 5), Standard 2 of 5 (IATA 2 of 5) , NEC 2of 5, MSI, Telepen, Trioptic, BC412, Febraban, Coupon. 2D : QR Code, Micro QR Code, Data Matrix, PDF417, Micro PDF 417, MaxiCode, Aztec, HanXin Code, Pharma Code(One-Track), Codablock A, Codablock F, Dot Code, Grid Matrix, etc. Other composite code :GS1 Databar(Omnidirectional, Limited, Expanded),GS1 Composite Code, TLC 39 Code. Chinese ID Card OCR, Passport OCR, etc. Postal code : HongKong 2 of 5(China Post), Korea Post, Australian Post, British Post, USPS Intelligent Mail, Japanese Post, Planet Code, Postnet Code, UPU 4-State, KIX Code
Uhf Ultra High Frequency	Air Interface Protocol	EPCglobal UHF Class 1 Gen 2/ISO 18000-6C
	Spectrum Range	02Mhz-928Mhze, 865MHz-868MHz(Optional)
	Output Power Range	13-27 dBm
	Output power Accuracy	+/- 1dB
	Receive Sensitivity	< -70dBm
	Peak Speed	> 50 sheets per second
	Reading Distance	> 30cm

Note: For barcodes of different codes, because some barcodes are wider or denser, the actual reading ability is subject to the actual effect.

Wireless Parameters

Wireless Communication Mode	Instant mode, storage mode
Method of Communication	2.4G, Bluetooth (HID, SPP, BLE)
Wireless Standard	2.4GHZ (ISM frequency band) , Bluetooth 4.2
Transmit Distance	≥60meters 2.4G; 30meters Bluetooth (Open distance)
Storage Capacity	350KB (over 20,000 Product code)
Battery Capacity	5000mAh
Charging Time	About 7 hours(5V@1000mA)
Continuous Scan Time	≥10hours (Continuous)
Standby Time	≥4 weeks
Support system	Windows, Mac OS, IOS, Linux, Unix, Android,

Mechanical/Electrical Parameters

Product Weight	244g (Scanner)
Appearance	L168.3mm * W66mm * H87.7mm (Scanner)
Wire Length	1.5 meters
Interface Type	USB (Type B)
Power Input	DC 5V/1A
Current	Barcode reading: 220mA、UHF RFID reading: 260mA

Working Environment

Working Temperature	0°C to 50°C
Storage Temperature	-30°C to 60°C
Working Humidity	5% to 95% (Non-Condensing)
Transportation Vibration Test	10H@125RPM



Special Reminder: Product data is for reference only and subject to change without prior notice.

Shenzhen Speedingiot Technology Co., Ltd
www.speedingiot.com

Address: 8F, Block B, Huameiju Business Center, Xinhua Road, Bao'an, Shenzhen, China
Email: sales@speedingiot.com