

IMAGO

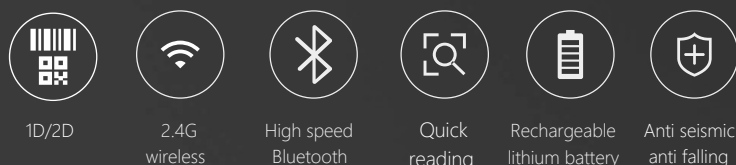
POCKET 2D WIRELESS BARCODE SCANNER

R300-2D-BT

- Don't need any driver, plug and play.
- Read 1D and 2D code on screen and paper.
- Super battery capacity is up to 1500mAh.
- Charge time is 3 hours and continuous scanning time is 24hours.
- Support double firmware upgrade online: wireless and decoder.
- Communication model: 2.4G, bluetooth and typeC cable.
- Communication distance(open air) : 2.4G:100meters,Bluetooth: 40meters.
- Smart body, unique and ergonomic design, comfortable operating sense.
- Support screen display (1.44 inch color screen), real-time observation of battery power , See the read barcode data

APPLICATION

Mainly used in business, warehousing, express delivery, some industries etc.



R300-2D-BT TECHNICAL SPECIFICATION

OS Windows / iOS / Android	Image Sensor CMOS	Image(Pixels) 1280(H)*800 (v)pixels	light source Aiming: 625 nm LED; illumination:4000K LED	Scan Mode Handhand (Manual) / Handfree (Automatic)
FPS Frame Rate 60fps/s	Scan accuracy ≥ 4mil@ Code39	Print Contrast ≥ 20%	Visual Indicator Red, blue and green LED lights Buzzer , motor vibration	Transmission Range 2.4G:50m; Bluetooth HID/BLE/ SPP: 40m(in open air)
Scan Angle Elevation angle 65° Tilt angle 30° Declination 55°	Field of view 34° horizontal, 28° vertical	Work frequency 2.400GHz-2.480GHz ISM	Dimension L x W x H 135*51*40(mm)	Weight 104g
Case Material ABS+PC , TPU	Memory Capacity 380000 byte	Power parameter Input Voltage : 5VDC±5% Working current : 1000mA	Firmware Update Computer online upgrade	Scan distance 40-200mm@UPC/EAN13mil PCS=90%; 20-250mm@QR 20mil PCS=100%
Cable Standard 1.0M straight (Typec)	Paired Mode one to one	Battery Parameters Battery Capacity : 1500mAh Charge Mode : Type-C cable charge Charge time : 4-5h Working time : 8h (Continuous scan)	Safety regulations CE (EN 55032:2015; EN 55035:2017), ROHS , BIS , EN62368-1:2014+A11:2017 FCC PART 15 CLASS B	Environmental parameters Operating Temperature : -20°C--+ 60°C Working Humidity : 5% to 95% relative humidity, non-condensing Storage Temperature : -40°C--+70°C Electrostatic protection : ±8 kV (Direct discharge) Ambient brightness : 0~100,000Lux Drop Resistance : 2M IP : IP52

Decoding Capability



1D : UPC/EAN/JAN,UPC-A & UPC-E,EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, Code 39 (with full ASCII), Codabar (NW7), Code 128 & EAN 128,Code 93, Interleaved 2 of 5 (ITF),Addendum 2 of 5, IATA Code,MSI/Plessy, China Postal Code,Code 32 (Italian Pharmacode) , etc.

2D : QR Code, Data Matrix, PDF417, Aztec, Maxicode , Dotcode , GS1 DataBar stack , etc.

Optional configuration

☐ Black ☐ White

Koncept -L is the exclusive distributor of IMAGO products

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