



2D Wireless Barcode Scanner

Features

- Built-in 2D engine.
- Supports Apple iOS, but also Android / Windows devices
- Bluetooth radio range: 70~100m in open area, based on real operation enviro
- iLS6300JBM/iLS6300JBQ (with 1MB memory) support data transmission mode & data storage mode (batch mode).
- Equipped 1MB memory can save more than 65,000 EAN13 barcodes.
- Cradle works as Bluetooth receiver & charging stand
- Support interface: USB (Serial)/ USB(HID)



Scanners Specifications :

Model Name	iLS6300JB/ iLS6300JBU	iLS6300JBM/ iLS6300JBQ
Description	2D Barcode Scanner	
Engine	2D ENGINE	

Performance Characteristics

• Illumination Element	White LED
• Aiming LED	625 nm
• Depth of Field	13 mil UPCA : 320 mm
• Best Resolution	1D (4mil) : Code 39 2D (6.67mil) : PDF417
• Sensor	CMOS (640×480 pixels)
• Print Contrast	≥ 25%
• Indicators	LED & beeper
• Interface	USB (Serial)/ USB(HID)

- Symbologies
Code 128, EAN-13, EAN-8, Code 39, Code 32
UPC-A, UPC-E, Codabar, Interleaved 2 of 5,
ISBN/ISSN, Code 93, UCC/EAN-128, GS1 Databar,
PDF417, QR Code, Micro QR Code, Data Matrix, Aztec

Electrical Characteristics

• Input voltage	5 VDC ± 5%
• Current - operating	< 500 mA
• Radio Range	BT Class 1 (70~100m in open area, based on real operation environment)
• RF Frequency	2.4GHz
• Communication	SPP (Serial Port Profile) with cradle/ HID(HID profile) with smart phone or tablet
• Battery Type	Rechargeable Li-Ion battery pack (3.7V 800mAH)
• Scans per charge	more than 10,000 scans when fully charged
• Charge Time	4 ~ 5 hours
• Memory capacity	-- 1MB (can save 65,000 sets more EAN 13 barcode)

Physical Characteristics

• Dimension (L * W * H)	175 X 65 X 90 mm(for scanner)
• Weight	165 g +/- 5 g (for scanner), 225 g +/- 5 g (for cradle)

User Environment

• Temperature-operation	0°C to 50°C
• Temperature-storage	-10°C to 60°C
• Humidity	5% to 95% relative humidity, non-condensing
• Ambient Light	0-100,000 lux (total darkness-bright sunlight)

Decode Zone (DOF is measured at the office under 600 lux and by Standard barcode. There are +/- 10 mm Torrence. DOF may be also impacted by barcode quality and environmental conditions.)

• 4 mil Code39	25mm ~ 100mm
• 5 mil Code39	25mm ~ 135mm
• 13 mil UPCA	20mm ~ 320mm
• 10 mil DataMatrix	10mm ~ 135mm
• 20 mil QR code	5mm ~ 260mm
• 6.67 mil PDF417	30mm ~ 130mm

Product specification is subject to change without notice.

RIOTEC CO., LTD.

8F., 196-2, DaTong Rd., Sec. 3, Xizhi Dist., New Taipei City 221, Taiwan

TEL : +886-2-8647-1828

FAX : +886-2-8647-1800

E-mail : sales@riotec.com.tw

Web : www.riotec.com.tw