



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 environment
- iLS6307LBM/iLS6307LBQ (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	iLS6307LB/ iLS6307LBU	iLS6307LBM/ iLS6307LBQ
Description	Bluetooth 2D Barcode Scanner	
Engine	AI3200+ 2D ENGINE	
Performance Characteristics		
• Light Source	RED LED 625±10 nm	
• Depth of Field	20 mil (Code 39) : 580 mm	
• Best Resolution	1D (CODE39)≥ 4mil 2D (PDF417) ≥ 6.67mil	
• Sensor	CMOS (752×480 pixels)	
• Print Contrast	≥30%	
• Scan Angle	Tilt: 360° / Pitch ±50° / Skew ±50°	
• Indicators	green/red LED & beeper	
• Interface	USB (Serial)/ USB(HID)	
• Symbolologies	1D: Code 128, EAN-13, EAN-8, Code 39, UPC-A, UPC-E, GS1 Databar, Codabar, Interleaved 2 of 5, ISBN/ISSN, Code 93, MSI, UCC/EAN-128, Matrix2 of 5, Industrial 2 of 5, Code 11, 2D: PDF417, Data Matrix ,QR Code, Micro QR code	
Electrical Characteristics		
• Input voltage	5 VDC ± 5%	
• Current - operating	<350 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 Code 39	30mm -120mm	
• 5 mil Code 39	30mm -140mm	
• 13 mil UPC-A	40mm -340mm	
• 20 mil Code 39	80mm -580mm	
• 6.67 mil PDF417	40mm -140mm	
• 10 mil DataMatrix	30mm -100mm	
• 20 mil QR Code	10mm -260mm	

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