



1D Wireless Laser Barcode Scanner

Features

- Scan rate: 100 scans /sec
- Supports Apple iOS, Android, and Windows devices
- Bluetooth radio range: 70~100m in open area, based on real operation en
- iLS6300FBM/iLS6300FBQ (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	iLS6300FB/ iLS6300FBU	iLS6300FBM/ iLS6300FBQ
Description	Bluetooth Laser Barcode Scanner	
Engine	1D Laser Engine	

Performance Characteristics

• Light Source	650 nm Laser Diode
• Depth of Field(13 mil)	200 mm
• scan rate	60 scan /sec
• Best Resolution	0.1 mm (4 mil) - Code 39
• Print Contrast	40% or more
• Scan Angle	Yaw 65°, Rotation 30°, Pitch 55°
• Indicators	LED & beeper
• Interface	SPP (Serial Port Profile) with cradle/ HID(HID profile) with smart phone or tablet
• Auto-sensing	Up to 150 mm
• Symbolologies	Code39, Code39 Full ASCII ,Code32,UPC-A, UPC-E, EAN-13,EAN-8,Code93 , Code128,Codabar,Interleaved 2of 5, MSI,Code11 ,Matrix 2 of 5 ,ISBN, ISSN, ITF 14, ,GS1 Databar,GS1-128

Electrical Characteristics

• Input voltage	5 VDC \pm 5%
• Current - operating	85mA max
• Radio Range (open area)	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	AA NiMH rechargeable battery 1.2V x 2 (2.4V 2300mAh)
• Scans per charge	more than 25,000 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)	176X 66 X 90 mm(for scanner)
• Weight	190 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-operation	5% to 95% relative humidity, non-condensing
• Humidity-storage	5% to 95% relative humidity, non-condensing
• Ambient Light	Fluorescent Light 300 lux to Sun Light 30000 lux

Depth of Field (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	30mm - 110 mm
• 5 mil Code39	30mm - 130 mm
• 13 mil EAN 13	30mm - 200 mm

Product specification is subject to change without notice.

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