



1D Wireless Laser Barcode Scanner

Features

- Scan rate: 100 scans /sec
- Supports Apple iOS, Android, and Windows devices
- Bluetooth radio range: 100m in open area
- iLS6300DBM/iLS6300DBQ (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	iLS6300DB/ iLS6300DBU	iLS6300DBM/ iLS6300DBQ
Description	Bluetooth Laser Barcode Scanner	
Engine	1D Laser Engine	

Performance Characteristics

• Light Source	650 nm Laser Diode
• Depth of Field (55 mil)	830 mm
• Decode Rate	100 scans/sec
• Best Resolution	30 mm (4 mil)
• Print Contrast	25% or more
• Scan Angle	Roll: $\pm 35^\circ$ / Pitch: $\pm 65^\circ$ / Skew: $\pm 50^\circ$
• Indicators	LED & beeper
• Interface	USB (Serial)/ USB(HID)
• Symbolologies	UPC-A, UPC-E, EAN-13, EAN-8, ISBN/ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, UCC/EAN 128, China Post, GS1 DataBar (formerly RSS) variants

Electrical Characteristics

• Input voltage	5 VDC $\pm$ 5%
• Current - operating	85mA max
• Radio Range (open area)	100M (BT Class 1 , in open area)
• 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)	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	-10°C to 60°C
• Temperature-storage	-40°C to 70°C
• Humidity	5% to 90% relative humidity, non-condensing
• Ambient Light	Sun light up to 10000 Lux

Decode Zone (Based on Symbol's Standard Code 39 PCS=0.9 label and 600 lux environment. There are +/- 1 cm tolerance)

• 4 mil	30 ~ 70 mm
• 5 mil	30 ~ 95 mm
• 10 mil	0 ~ 240 mm
• 20 mil	25 ~ 470 mm
• 30 mil	20 ~ 680 mm
• 55 mil	60 ~ 830 mm

Product specification is subject to change without notice.

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