



1D Wireless Laser Barcode Scanner

Features

- Use patented laser engine with "No Moving parts Inside Technology"
- Scan rate: 100 scans /sec
- 2.4GHz wireless radio range: BT Class 1 (100m, in open area)
- iLS6300BM/BQ (with memory inside) support data transmission mode & data storage mode (batch mode)
- Equipped with 1MB memory which can store more than 65,000 EAN13 barcodes
- Cradle functions as BT receiver & charging stand
- Support interface: USB (Serial)/ USB(HID)



Scanners Specifications :

Model Name	iLS6300B/ iLS6300BU	iLS6300BM/ iLS6300BQ
Description	Wireless 1D Laser Barcode Scanner	
Engine	RIOTEC 1D laser engine	

Performance Characteristics

● Light Source	650 nm Laser Diode
● Depth of Field (40 mil)	500 mm
● Scan Speed	100 scans/sec
● Best Resolution	0.1 mm (4 mil) - Code 39
● Print Contrast	45% or more
● Scan Angle	38°
● Indicators	green/red LED & beeper
● Interface	USB (Serial)/ USB(HID)
● Symbolologies	UPC/EAN/JAN, Code11, Code 39, Code 93, Code 128, Coda bar, Interleave 25, Industrial 25, ISBN, MSI

Electrical Characteristics

● Input voltage	5 V/DC ± 5%
● Current - operating	250 mA max
● Radio Range	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 2.4GHz Wireless
● 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
● Current Charging	500 mA Max.
● Memory capacity	No memory 1MB (can save 65,000 sets more EAN 13 barcode)

Physical Characteristics

● Dimension (L * W * H)	90 X 60 X 165 mm (for scanner)
● Weight	165 g +/- 5 g (for scanner), 225 g +/- 5 g (for cradle)

User Environment

● Temperature-operation	0° to 50°
● Temperature-storage	-10° to 60°
● Humidity-operation	10% to 85% relative humidity, non-condensing
● Humidity-storage	5% to 95% relative humidity, non-condensing
● Ambient Light	Fluorescent Light 300 lux to Sun Light 30000 lux
● Shock	1.2 m drop onto concrete

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

● 4 mil	40 ~ 70 mm
● 5 mil	45 ~ 120 mm
● 13 mil	30 ~ 250 mm
● 20 mil	40 ~ 320 mm
● 40 mil	65 ~ 500 mm