

### Features

- Built-in ZEBRA SE2707 engine.
- Supports Apple iOS, but also Android / Windows devices
- Bluetooth radio range: 70~100m in open area, based on real operation environment
- iLS6302NBM/iLS6302NBQ (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	<b>iLS6302NB/ iLS6302NBU</b>	<b>iLS6302NBM/ iLS6302NBQ</b>
Description	Bluetooth 2D Barcode Scanner	
Engine	ZEBRA SE2707	

### Performance Characteristics

• Aiming LED	610 nm LED
• Illumination Element	1 Hyper Red 660 nm LED
• Depth of Field	1D (20mil Code 39) : 475 mm 2D(20mil DataMatrix) : 323 mm
• Scan Speed	60 frame /sec
• Best Resolution	1D (5mil) : Code 39 2D (6.6mil) : PDF417
• Sensor	CMOS (640×400 pixels)
• Print Contrast	≥ 20%
• Scan Angle	Tilt: 360° / Pitch ±60° / Skew ±60°
• Indicators	LED & beeper
• Interface	USB (Serial)/ USB(HID)

- Symbologies
  - UPC-A, UPC-E, UPC-E1, EAN-8, EAN-13, ISBN, Code 128, UCC/EAN-128, ISBT 128, Code 39, Code39 Full ASCII, Trioptic Code 39, Code 32 (Italian Pharma Code), Code 93, Code 11, Interleaved 2 of 5, Discrete 2 of 5, Chinese 2 of 5, Matrix 2 of 5, Codabar, MSI GS1 DataBar, PDF 417, MicroPDF417, Datamatrix, QR Code, Micro QR Code, Aztec, Composite, TLC-39, MaxiCode, Postal: US PostNet, US Planet UK Postal, Australian Postal, Japan Postal, Dutch Postal (KIX)

### Electrical Characteristics

• Input voltage	5 VDC ± 5%
• Current - operating	<570 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)

### Physical Characteristics

• Dimension (L * W * H)	175 X 65 X 90 mm(for scanner)
• Weight	157 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	Maximum 107,639 Lux. (direct 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. )

• 5 mil Code 39	34~ 142 mm
• 5 mil Code 128	43~ 107 mm
• 20 mil Code 39	30~ 475 mm
• 100% UPCA	30~ 297 mm
• 6.6 mil PDF417	43~ 140 mm
• 10 mil PDF417	25~ 208 mm
• 20 mil Data Matrix	18~ 323 mm
• 20 mil QR Code	18~ 259 mm

*Product specification is subject to change without notice.*