



2D Wireless Barcode Scanner

Features

- Built-in ZEBRA SE3300 engine.
- Supports Apple iOS, but also Android / Windows devices
- Bluetooth radio range: 70~100m in open area, based on real operation environment
- iLS6302JBM/iLS6302JBQ (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	iLS6302JB/ iLS6302JBU	iLS6302JBM/ iLS6302JBQ
Description	Bluetooth 2D Barcode Scanner	
Engine	ZEBRA SE 3300	

Performance Characteristics

• Aiming LED	617 nm LED, dot optical power: 0.19mW typical
• Illumination Element	2x 625 nm LEDs
• Depth of Field	1D (100%UPC-A) : 410 mm 2D(15mil PDF417) : 360 mm
• Scan Speed	60 frame /sec
• Best Resolution	1D (4mil) : Code 39 2D (6.7mil) : PDF417
• Sensor	CMOS (752x480 pixels)
• Print Contrast	≥25%
• Scan Angle	Tilt: 360° / Pitch ±60° / Skew ±60°
• Indicators	LED & beeper
• Interface	USB (Serial)/ USB(HID)
• Symbolologies	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	<460 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	Maximum 96900Lux. (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.)

• 4 mil Code 39	45 ~ 130 mm
• 5 mil Code 39	26 ~ 175 mm
• 10 mil PDF 417	18 ~ 240 mm
• 15 mil PDF 417	40 ~ 360 mm
• 10 mil QR code	25 ~ 150 mm
• 15 mil QR code	28 ~ 135 mm
• 10 mil Data Matrix	30 ~ 200 mm
• 15 mil Data Matrix	20 ~ 285 mm

Product specification is subject to change without notice.

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