

Features

- Built-in Honeywell N5680 2D engine.
- Supports Apple iOS, but also Android / Windows devices
- Bluetooth radio range: 70~100m in open area, based on real operation environment
- iLS6303XBM/iLS6303XBQ (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	iLS6303XB/ iLS6303XBU	iLS6303XBM/ iLS6303XBQ
Description	Bluetooth 2D Barcode Scanner	
Engine	Honeywell N5680	

Performance Characteristics

• Light Source	617 nm Visible red LED
• Depth of Field	1D (10 mil Code 39): 318 mm 2D(10 mil Data Matrix): 183 mm
• Scan Speed	60 frame /sec
• Best Resolution	1D (5 mil) Code 39 2D (6.7 mil) PDF417
• Sensor	CMOS (884×640 pixels)
• Print Contrast	20%
• Scan Angle	Tilt: 360° / Pitch ±45° / Skew ±65°
• Indicators	green/red LED & beeper
• Interface	USB (Serial)/ USB(HID)
• Symbolologies	UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, MSI, Code 2 of 5, Matrix 2 of 5, Telepen, Trioptic, China Post PDF417, MicroPDF417, GS1 Symbolologies Composite, Aztec Code, Data Matrix, QR Code, Micro QR Code, MaxiCode, Han Xin Code; Intelligent Mail Barcode, Postal-4i, Australian Post, British Post, Canadian Post, Japanese Post, Netherlands (KIX) Post, Postnet, Planet Code OCR-A, OCR-B, E13B (MICR)

Electrical Characteristics

• Input voltage	5 VDC ± 5%
• Current - operating	<400 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	0-100,000 lux (total darkness-bright sunlight)

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

• 5 mil Code 39	44 ~ 143 mm
• 10 mil Code 39	8 ~ 318 mm
• 6.67 mil PDF417	26 ~ 165 mm
• 10 mil Data Matrix	23 ~ 203 mm

Product specification is subject to change without notice.