



2D Wireless Barcode Scanner

Features

- Built-in 2D engine.
- Supports Apple iOS, but also Android / Windows devices
- Bluetooth radio range: 70~100m in open area, based on real operation environment
- iLS6308KBM/iLS6308KBQ (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	iLS6308KB/ iLS6308KBU	iLS6308KBM/ iLS6308KBQ
Description	Bluetooth 2D Barcode Scanner	
Engine	Opticon MDI-4100	
Performance Characteristics		
• Illumination	White LED	
• Aiming LED	525nm (Green)	
• Depth of Field	(13 mil) UPC-A : 230 mm	
• Scan Speed	100 frame /sec	
• Best Resolution	1D (CODE39) : 5mil 2D (PDF417) : 6.7mil	
• Print Contrast	≥ 20%	
• Scan Angle	Tilt: 360° / Pitch ±65° / Skew ±65°	
• Indicators	green/red LED & beeper	
• Interface	USB (Serial)/ USB(HID)	
• Symbolologies	1D: UPC-A, UPC-A Add-on, UPC-E, UPC-E Add-on, EAN-13, EAN-13 Add-on, EAN-8, EAN-8 Add-on, JAN-8, JAN-13, Code 39, Tri-Optic, Codabar (NW-7), Industrial 2 of 5, Interleaved 2 of 5, S-Code, Code 128, Code 93, IATA, MSI/Plessey, UK/Plessey, Telepen, Code 11, Matrix 2 of 5, Chinese Post Matrix 2 of 5, Korean Postal Authority code, Intelligent Mail Barcode, POSTNET, JPN (Customer Barcode), GS1 DataBar, GS1 DataBar Limited, GS1 DataBar Expanded, Composite GS1 DataBar, Composite GS1-128, Composite EAN, Composite UPC 2D: PDF417, MicroPDF417, Codablock F, QR Code, MicroQR Code, Data Matrix (ECC 000-140 / ECC 200), Aztec Code, Aztec Runes, Chinese-sensible code, Maxi Code	

Electrical Characteristics

• Input voltage	5 VDC ± 5%
• Current - operating	470 mA max
• 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 (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.)

• 10 mil Code 39	45 ~ 190mm
• 13 mil UPC	45 ~ 230mm
• 6.7 mil PDF417	40 ~ 115mm
• 10 mil PDF417	35 ~ 165mm
• 6.7 mil QR Code	55 ~ 75mm
• 15 mil QR Code	10 ~ 195mm
• 10 mil Data Matrix	40 ~ 130mm
• 7.9 mil Code 128	60 ~ 145mm

Product specification is subject to change without notice.

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