

2D Wireless Scanners > LS6003BX/LS6006B/LS6007B



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▪ 2D Wireless Scanners

- 2.4GHz wireless range more than 30 M.
- 3 LED indicator DEMO different functions.
- Cradle can be hand free stand and receiver.
- Special patented cradle extend battery life
- Suitable for warehouse, car repair/maintain plant

Scanners Specifications

Model Name	LS6003BX	LS6006B	LS6007B
Description	2D Wireless Scanner	2D Wireless Scanner	2D Wireless Scanner
Engine	Honeywell N5680	Intermec EA15	2D Engine
Performance Characteristics			
Light source	617 nm Visible red LED	Red LED	622nm ~ 628 nm LED
Depth of field	1D (10 mil Code 39): 323 mm 2D(10 mil Data Matrix): 188 mm	1D (10 mil Code 39): 425 mm 2D(15 mil PDF417): 355 mm	1D (15 mil Code 39) : 225 mm
Scan speed	60 frame / sec	2D Mode : 56 images /sec, auto adaptive; Linear emulation mode: 200 images /sec, auto adaptive	60 frame /sec
Sensor	CMOS (884x640 pixels)	750 (H) x 480 (V) pixels, 256 gray levels	CMOS (752x480 pixels)
Best resolution	1D (5 mil): Code 39 2D (6.7mil): PDF417	1D (5 mil) : code 39 2D(6.67mil) : PDF417	1D (5mils) : Code 39 2D(10mils) : DataMatrix
Print contrast	20%	25%	≥ 30%
Reading angle	Tilt: 360° / Pitch ±45° / Skew ±65°	H : 38.9° V : 25.4°	Tilt: 360° / Pitch 55° / Skew 60°
Reading indicator	Blue LED & Beeper		
Interface	USB(HID) , USB (RS232 data format), RS232		
Symbologies	UPC/EAN/JAN, GS1 DataBar, Code 39, Code 128, Code 32, Code 93, Codabar/NW7, Interleaved 2 of 5, Code 2 of 5, Matrix 2 of 5, MSI, Telepen, Trioptic, China Post PDF417, MicroPDF417, GS1 Symbologies 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)	EAN/UCC, UPC/EAN, Code 11, Code 39, Code 93, Code 128, Coda bar, PDF417, MaxiCode, ITF 2/5, Data Matrix, QR Code, MSI, RSS, Maxicode, Matrix 2/5	2D: PDF417, QR Code(Model 1/2), DataMatrix(ECC200, ECC000, 050, 080, 100,140), Aztec, etc 1D: Code128, EAN-13, EAN-8, Code39, UPC-A, UPC-E, Codabar, Interleaved 2 of 5, ISBN, Code 93, etc.

Electrical Characteristics

• Input voltage	5 VDC ± 0.5 V		
• Current - operating	< 400 mA	390 mA	< 320 mA
• Radio Range	Around 30M or more (2.4GHz wireless)		
• RF Frequency	2.4GHz		
• Communication	SPP (Serial Port Profile) 2.4GHz wireless		
• Battery type	Rechargeable Li-Ion battery pack (4.2V 2200mAH)		
• Scans per charge	more than 15,000 scans	more than 7,000 scans	more than 12,000 scans
• Charge Time	5V DC 1A		
• Current Charging	4 ~ 5 hours		
• Power adaptor	500 mA Max		

Physical Characteristics

• Dimension (L*W*H)	97 x 70 X 175 mm		
• Weight	230 g +/- 5 g (including battery)	220 g +/- 5 g (including battery)	230 g +/- 5 g (including battery)
• Case material	Rubber & ABS plastic		

Environment

• Temperature-operation	-25°C to 50°C	-20°C to 60°C	-5°C to 45°C
• Temperature-storage	-40°C to 85°C	-30°C to 70°C	-40°C to 60°C
• Humidity	0% to 95% relative humidity, non-condensing	0% to 95% relative humidity, non-condensing	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 mils Code 39	49 ~ 148 mm	57 ~ 116 mm	-
• 10 mils Code 39	13 ~ 323 mm	19 ~ 255 mm	35~120 mm
• 20 mils Code 39	-	35 ~ 425 mm	-
• 5 mils PDF417	-	-	35~90 mm
• 6.67 mils PDF417	31 ~ 133 mm	47 ~ 139 mm	-
• 10 mils PDF417	-	-	40~130 mm
• 10 mils QR Code	-	-	25~100 mm
• 7.5 mils Data Matrix	-	48 ~ 158 mm	-
• 10 mils Data Matrix	38~188 mm	-	10~135 mm