



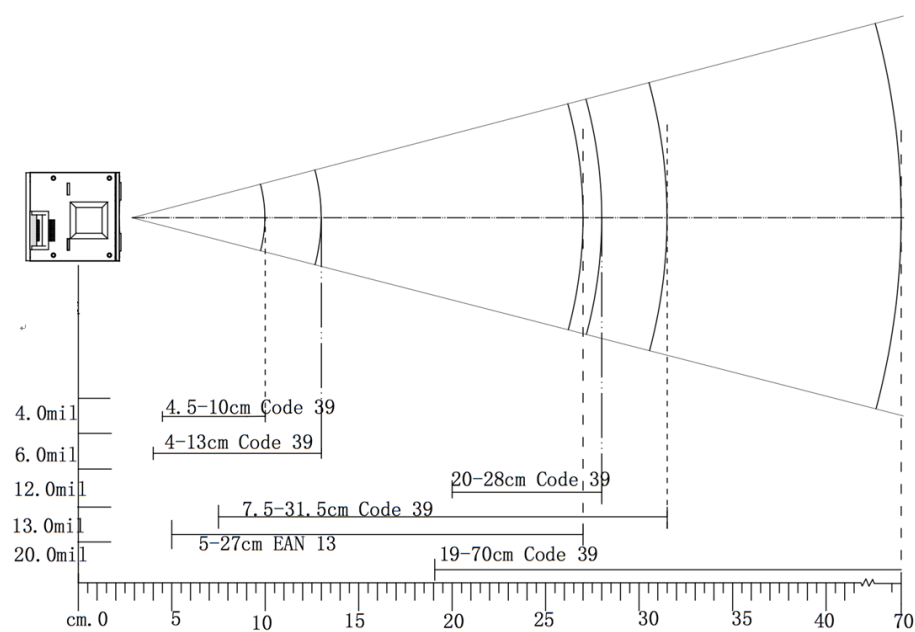
NCTS-LB1W

(1D CCD Wireless 2.4G Handheld Barcode Scanner)

Technical Parameters	
Wireless specifications	
Communications	2.4GHz
Communication frequency	2.402 to 2.480GHz
Transmission range	≤30M（In empty area 30M ）
Data rate	1Mbps
Memory	100000@13Byte barcode
Battery capacity	1500mAh (Lithium battery)
Charging time	4.5H
The life time of the full charge	4h（continuous reading situation）
	9.5h（Manual reading situation）
	More than 15 days（Stand-by time）
Communication mode	Read-time mode/Inventory mode
Electrical Characteristics	

Interface	USB HID KEYBOARD (Wireless receiver)
Voltage requirement	DC 5V±10%
Current consumption	Max:120mA Min: 50mA
Optical Characteristics	
Photo sensor	CCD linear sensor
Sensor Resolution	1500pix
light source	632nm red led
Performance Characteristics	
Scan Rate:	350±50 (scans/second)
Decode angle	Pitch angle: ±30° Skew angle: ±70° Tilt angle: ±45°
curvature	R≥15 mm (EAN8) , R≥20 mm (EAN13) (resolution=0.26mm, PCS=0.9)
Min resolution	0.127mm/5mil (PCS 0.9)
Min. PCS value	> 25%UPC/EAN 13 (13mil)
Language	-
Identification	EAN13, EAN8, UPC A, UPC E, CODABAR (NW-7) , CODE 39, CODE 93, INTERLEAVED 2OF5, STANDARD 2OF5, MATRIX 2OF5, CODE 128, EAN/UCC 128, CODE 11, CHINESE POST
Physical Characteristics	
Dimensions	Scanner: 97 mm x 67 mm x165mm (L*W*H) Receiver: 83mm*18mm*13mm(L*W*H)
Weight	Scanner: 162g Scanner: 162g Receiver: 16g received: 16g
Environmental Characteristics	
Temp	-20°-65°C / -4°To 149°F((operation)) 30°- 70°C /-22°To 158°F(storage)
Humidity	5 - 90% (operation)) 5 - 90% (storage)
Ambient Light:	fluorescent light 4000 lx max , direct sun light 80,000 lx max ,white light 4000 lx max
Shock drop test	1.3m drop onto concrete surface
Regulatory	
Electrical Safety	UL 60950, EN/IEC 60950
EMI/RFI	FCC Part 15 Class B,EN 55024/CISPR 22
Environmental	RoHS

Depth of field



Symbology	Resolution mm(mil)	Depths of Field	Digits
Code 39	0.101 (4mil)	4.5-10cm	6
Code 39	0.152 (6mil)	4-13cm	12
Code 39	0.30 (12mil)	20-28cm	13
Code 39	0.33 (13mil)	7.5-31.5cm	12
EAN 13	0.33 (13mil)	5-27cm	13
Code 39	0.86 (34mil)	19-70cm	10