



## 2D Barcode Wireless Image Scanner LS-WB



### Specifications:

<b>Wireless specifications</b>	
Communication mode	Wired transmission mode/ Wireless Read-time mode/Inventory mode / Cache mode
Communication frequency	433-440MHz
Transmission range	≤100M (In empty area 100M )
Battery capacity	2000mAh (Lithium battery)
Charge Time from Empty to Full Charge	7H
Scans per Battery Charge	30,000 (1 scan per second)
Memory	100, 000@13Byte barcode
<b>Electrical Characteristics</b>	
Interface Supported	RS-232/USB HID KEYBOARD/USB VCP
Input Voltage	DC 5V±10%
Current	Max:180mA
<b>Optical Characteristics</b>	
Image Sensor	CMOS Array Sensor
Sensor Resolution	640X488 Pixels
Light Source	White LED
Aim Light Source	Red Bar LED

<b>Performance Characteristics</b>					
Scanning Angle	Pitch angle:±65°;Skew angle:±60°;Tilt angle:±180°				
Field of View	40°(H),29°(V)				
Min Resolution	1D: 0.101mm/4mil (PCS 0.9) , 2D: 0.178mm/7mil (PCS 0.9)				
Min .PCS value	> 20%UPC/EAN 13 (13mil)				
Language	Multiple Languages				
Data Edition	Support for custom data output				
Decode Capability	1D : UPC/EAN, Code 128, Code 39,Code 93, Interleaved 2 of 5,Codabar 2D: QR , Mirco QR,PDF417 ,MircoPDF417,Data Matrix, Aztec				
<b>Physical Characteristics</b>					
Dimensions	Scanner: 67mm*90mm*168mm(L*W*H) Base: 145mm*112mm*74mm(L*W*H)				
Weight	Scanner: 160g, Base: 188g				
Indicator	Beeper, LED				
<b>Environmental Characteristics</b>					
Temperature	-20°~65°C / -4°~149°F(operation) /-30°~70°C /-22°~158°F(storage)				
Humidity	5 - 90% (operation) ) 5 - 90% (storage)				
Ambient Light:	Up to 80,000 lx				
Shock Drop Test	1.5m drop onto concrete surface				
<b>Decoding Depth of Field</b>					
Symbology	Resolution	Barcode number	Barcode width	Nearest	Farthest
Code 128	3.34mil	15	1.8x1.5cm	6cm	10cm
Code 128	5mil	20	4.3x1.5cm	5.5cm	14cm
Code 128	15mil	7	4.3x1.5cm	4cm	40cm
Code 39	6.67mil	16	4.4x1.5cm	5cm	16cm
Code 39	20mil	4	4.3x1.5cm	4.5cm	41cm
EAN-13	13..34mil	13	4.2x1.5cm	3.5cm	30cm
QR code	20mil	120	2x2cm	4.5cm	21cm
Data Matrix	6.67mil	60	0.5x0.5cm	7cm	11cm
PDF417	13.34mil	23	3.5x31.5cm	4cm	31cm
QR code on screen		18	2.1x2.1cm	4cm	41cm
QR code on screen		18	3.7x3.7cm	6cm	72cm