



2D Barcode Image Scanner LS-2B



Specifications:

Electrical Characteristics	
Interface Supported	RS-232/USB HID KEYBOARD/USB VCP
Input Voltage	DC 5V±10%
Current	Max:190mA
Optical Characteristics	
Image Sensor	CMOS Array Sensor
Sensor Resolution	640X480 Pixels
Light Source	White LED
Aim Light Source	Red Bar LED
Performance Characteristics	
Scanning Angle	Pitch angle:±60°;Skew angle:±40°;Tilt angle:±180°
Field of View	66°(H),50°(V)
Min Resolution	1D: 0.127mm/5mil (PCS 0.9) 2D: 0.202mm/8mil (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-A, UPC-E, UPC-E1, EAN-8, EAN-13, EAN-14, EAN-128, UCC128, ISBN/ISSN, CODE11, CODE32, CODE39, CODE39 Full ASCII, CODE93, CODE128, Crossing 25 Codes, Industrial 25 Codes, Matrix 25 Codes,

	China Postal Code, UK/Plessey, GS1				
	2D: QR code, PDF417, Data matrix				
Physical Characteristics					
Dimensions	90mm*67mm*168mm(L*W*H)				
Weight	120g				
Indicator	Beeper, LED				
Environmental Characteristics					
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				
Decoding Depth of Field					
Symbology	Resolutio n	Barcode number	Barcode width	Nearest	Farthest
Code 128	5mil	20	4.3x1.5cm	4cm	8cm
Code 128	15mil	7	4.3x1.5cm	7cm	32cm
Code 39	6.67mil	16	4.4x1.5cm	8.5cm	11cm
Code 39	20mil	4	4.3x1.5cm	7cm	37cm
EAN-13	13..34mil	13	4.2x1.5cm	6cm	22cm
QR code	20mil	120	2x2cm	4.5cm	22cm
Data Matrix	6.67mil	60	0.5x0.5cm	3cm	11cm
QR code on screen		18	2.1x2.1cm	3cm	41cm
QR code on screen		18	3.7x3.7cm	10cm	78cm