



● DS7100 2D Wired Barcode Scanner

1 Scan performance											
1.1	Sensor: CMOS(Global Shutter)										
1.1.2	Resolution: 640×480										
1.1.3	Illumination: White LED light										
1.1.4	Focus: Red LED										
1.1.5	Reading accuracy: 1D≥4mil 2D≥5mil										
1.1.6	Scan angle: Rotation angle 360°, Elevation angle ± 55°, Declination angle ± 55°										
1.1.7	Field of view: D:48° H:40° V:30°										
1.1.8	Support code system: 2D QR Code, Data Matrix, PDF417, Aztec, Maxicode, Chinese Sensible Code										
1.1.9	Scan depth of field: <table border="0" style="width: 100%;"> <tr> <td style="width: 150px;">EAN-13</td> <td>50mm-220mm (13mil)</td> </tr> <tr> <td>Code39</td> <td>40mm-100mm (5mil 10 字节)</td> </tr> <tr> <td>QR Code</td> <td>25mm-240mm (20mil 16 字节)</td> </tr> <tr> <td>Data Marix</td> <td>50mm-100mm (10mil 20 字节)</td> </tr> <tr> <td>PDF 417</td> <td>30mm-140mm (6.67mil 7 字节)</td> </tr> </table>	EAN-13	50mm-220mm (13mil)	Code39	40mm-100mm (5mil 10 字节)	QR Code	25mm-240mm (20mil 16 字节)	Data Marix	50mm-100mm (10mil 20 字节)	PDF 417	30mm-140mm (6.67mil 7 字节)
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1.2	Contrast: ≥20%										
1.2.1	Scanning method: Button Trigger scanning, continuous scanning, Auto-sense scanning										
2 Electrical parameters											
2.1	Charging input: 5V 2A										
2.2	Operating Voltage: DC 5V±5%										
2.3	Working current: 130mA										
2.4	Stand-by current: USB: 40mA Serial port: 500uA										
3 Physical properties											
3.1	Dimension: Length*width*height (mm):190*62*80mm										
3.2	Weight: ≈ 186g										
3.3	Data cable length: 1.8m										
3.4	Support interface: Standard USB interface (RS232 interface can be customized)										
3.5	Color: Blue+Black										
3.6	Material : ABS+PC										
3.7	Prompt method: Buzzer, LED indicator light										

4	Operating environment	
4.1	Usage environment:	-10°C-50°C
4.2	Storage temperature:	-20°C-70°C
4.3	Storage humidity:	5%-95% (non-condensing state)
4.4	Ambient lighting:	0~100000 LUX
5	Safety regulations	
5.3	Earthquake resistance:	1 meter free fall
5.4	Related certifications:	CE ROHS FCC, etc

*Test conditions: ambient temperature = 25°C; ambient illumination = 150 lux incandescent lamp; use the test our standard sample code