

SPECIFICATION

Product Name: 2D Wired Barcode Scanner

Product Model: A-9546SR



A-9546SR Feature

- New fashion design, creating a new aesthetic experience
- The new button design with the high-rebound switch components, the handle perfectly fits the palms of different sizes.
- Equipped with the advanced decoding algorithm patented by AiGather, easy to read barcode, qr code, DM, PDF417, etc.
- Long depth of field, large field of view, easy to scan long-distance barcode, can read 13mil commodity barcodes at a distance of 450mm, and 3mil low-density barcode also have excellent reading effects;
- For low-contrast barcodes, damaged/wrinkled/irregular/poor printing quality barcodes, it have good reading performance;
- Support many keyboard languages, no need driver, just plug and play, compatible with major operating systems;
- Professional electrostatic protection and anti-interference design, can be used normally in complex electromagnetic environment.

A-9546SR Main Parts



A-9546SR Wired 2D Barcode Scanner

Performance Parameter																																		
Light Source	LED White light																																	
Aiming Light	Green Dot																																	
Image Sensor	1280*800 pixels																																	
Imaging Speed	60FPS																																	
CPU	1.2G Dual core																																	
Resolution(maximum)	3mil																																	
Minimum Print Contrast	15% Reflection Difference																																	
Image Field of View	D54°/H45°/V36°																																	
Reading Angle	Pitch: +/-65°; Roll: +/-360°; Skew:+/-60°																																	
Decoding Capability	1D: All standard 1D codes including GS1 DataBar™ linear code can be automatically distinguished and decoded. 2D: Aztec Code; Data Matrix; MaxiCode; QRCode; HANXIN; MicroQR Code Stack code: GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; GS1 DataBar Composite; MicroPDF417; PDF417.																																	
Reading Indicators	LED light&Buzzer(adjustable tone and volume)																																	
Typical depth of Field	<table border="1"> <thead> <tr> <th>Precision</th> <th>Barcode</th> <th>Depth of Field</th> </tr> </thead> <tbody> <tr> <td>3.34mil</td> <td>CODE 39</td> <td>60mm—160mm</td> </tr> <tr> <td>3.34mil</td> <td>EAN-13</td> <td>90mm—150mm</td> </tr> <tr> <td>5mil</td> <td>CODE39</td> <td>70mm—240mm</td> </tr> <tr> <td>5mil</td> <td>EAN-13</td> <td>70mm—230mm</td> </tr> <tr> <td>13mil</td> <td>UPC-A</td> <td>40mm—450mm</td> </tr> <tr> <td>5mil</td> <td>PDF417</td> <td>65mm—210mm</td> </tr> <tr> <td>5mil</td> <td>QR</td> <td>75mm—140mm</td> </tr> <tr> <td>10mil</td> <td>QR</td> <td>45mm—290mm</td> </tr> <tr> <td>10mil</td> <td>DM</td> <td>30mm—260mm</td> </tr> <tr> <td>20mil</td> <td>QR</td> <td>20mm—480mm</td> </tr> </tbody> </table> <p>(The minimum depth of field is determined by the barcode length and scanning angle. It depends on the print resolution, contrast and ambient light.)</p>	Precision	Barcode	Depth of Field	3.34mil	CODE 39	60mm—160mm	3.34mil	EAN-13	90mm—150mm	5mil	CODE39	70mm—240mm	5mil	EAN-13	70mm—230mm	13mil	UPC-A	40mm—450mm	5mil	PDF417	65mm—210mm	5mil	QR	75mm—140mm	10mil	QR	45mm—290mm	10mil	DM	30mm—260mm	20mil	QR	20mm—480mm
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Electrical Parameter																																		
Current	Working current(Standard): < 280 mA ; Standby current(Standard): 90 mA																																	
Input Voltage	5 VDC (+/- 5%)/500mA																																	
Environmental Parameter																																		
ESD protection	Air discharge: 15Kv; Contact discharge: 8Kv																																	
Drop resistance	Withstands repeated drops from 1.2m/4.0 ft onto a concrete surface.																																	
Temperature	Working: -10 to 50 °C Storage/Transport: -20 to 65 °C																																	
Humidity(non-condensing)	5 - 95%																																	
Ambient light	Indoor: 0 to 6,000 lux; Outdoor: 0 to 100,000 lux																																	
Interface	USB HID; USB COM; RS-232; HID POS(OPOS/JPOS), optional interface																																	
Transmission	Support multi-language transmission, compatible with major operating systems																																	
Warranty	24 months																																	

Product maintenance tips?

1. The reading window must be kept clean.
2. Avoid hard and rough objects to wear or scratch the reading window;
3. Use a brush to remove stains on the reading window;
4. Please use a soft cloth to clean the window, such as glasses cleaning cloth;
5. It is forbidden to spray any liquid on the window;
6. It is forbidden to use any cleaning agents other than clean water.