

AiGather[®]

A-20 2D Desktop Foldable Scanner

FEATURES

- ❖ 300,000 pixels global shutter.
- ❖ Read all mainstream 1D&2D barcodes.
- ❖ Foldable design to support a flexible application.
- ❖ Accurately read screen, damage, curved, fuzzy bar code.
- ❖ Multiple interfaces, RS-232/USB HID/USB COM.
- ❖ Specifically designed for retailers, compatible with all operating systems.



◆ Pls refer to more details:



- ❖ Stylish and sophisticated
- ❖ Ultra-thin, wide-angle
- ❖ Foldable design



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Technical Specification

Performance Parameter																									
Light Source	LED White LED																								
Image sensor	640*480 pixels																								
Resolution(maximum)	0.102mm / 4mils																								
Print contrast ratio(minimum)	≥15%																								
Motion tolerance	1.22M/sec																								
Reading Angle	Pitch: 0-360°; Roll(Tilt): ±60°; Skew (Yaw): ±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	Buzzer (adjustable tone)																								
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>5mil</td> <td>CODE128</td> <td>40mm—110mm</td> </tr> <tr> <td>5mil</td> <td>EAN-13</td> <td>40mm—110mm</td> </tr> <tr> <td>13.34mil</td> <td>EAN-13</td> <td>65mm—300mm</td> </tr> <tr> <td>5mil</td> <td>PDF417</td> <td>40mm—100mm</td> </tr> <tr> <td>10mil</td> <td>PDF417</td> <td>30mm—210mm</td> </tr> <tr> <td>15mil</td> <td>PDF417</td> <td>30mm—310mm</td> </tr> <tr> <td>20mil</td> <td>DM</td> <td>20mm—110mm</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	5mil	CODE128	40mm—110mm	5mil	EAN-13	40mm—110mm	13.34mil	EAN-13	65mm—300mm	5mil	PDF417	40mm—100mm	10mil	PDF417	30mm—210mm	15mil	PDF417	30mm—310mm	20mil	DM	20mm—110mm
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Physical characteristics																									
Color available	White; Blue																								
Dimensions (L*W*H)	77*100*123mm																								
Weight	209g																								
Cable	1.55M																								
Electrical Parameter																									
Current	Working current (Standard): < 280 mA Standby current (Standard): < 210 mA																								
Input Voltage	5 VDC (+/- 10%)/500mA																								
Environmental Parameter																									
ESD protection (Air discharge)	8 kV																								
Drop resistance	Withstands repeated drops from 1.2m/4.0 ft onto a concrete surface.																								
Particulate and water sealing	IP52																								
Temperature	Operation: 0 to 40 °C Storage/Transport: -40 to 70 °C																								
Humidity (non-condensing)	5 - 95%																								
Ambient light	0 -100,000 lux																								
Interfaces																									
Interfaces	RS-232; USB HID; USB COM;HID POS available as per customer's needs																								
Warranty																									
	18/months (conditions apply)																								