



SPECIFICATION

Product Name: 2D Desktop Barcode Scanner

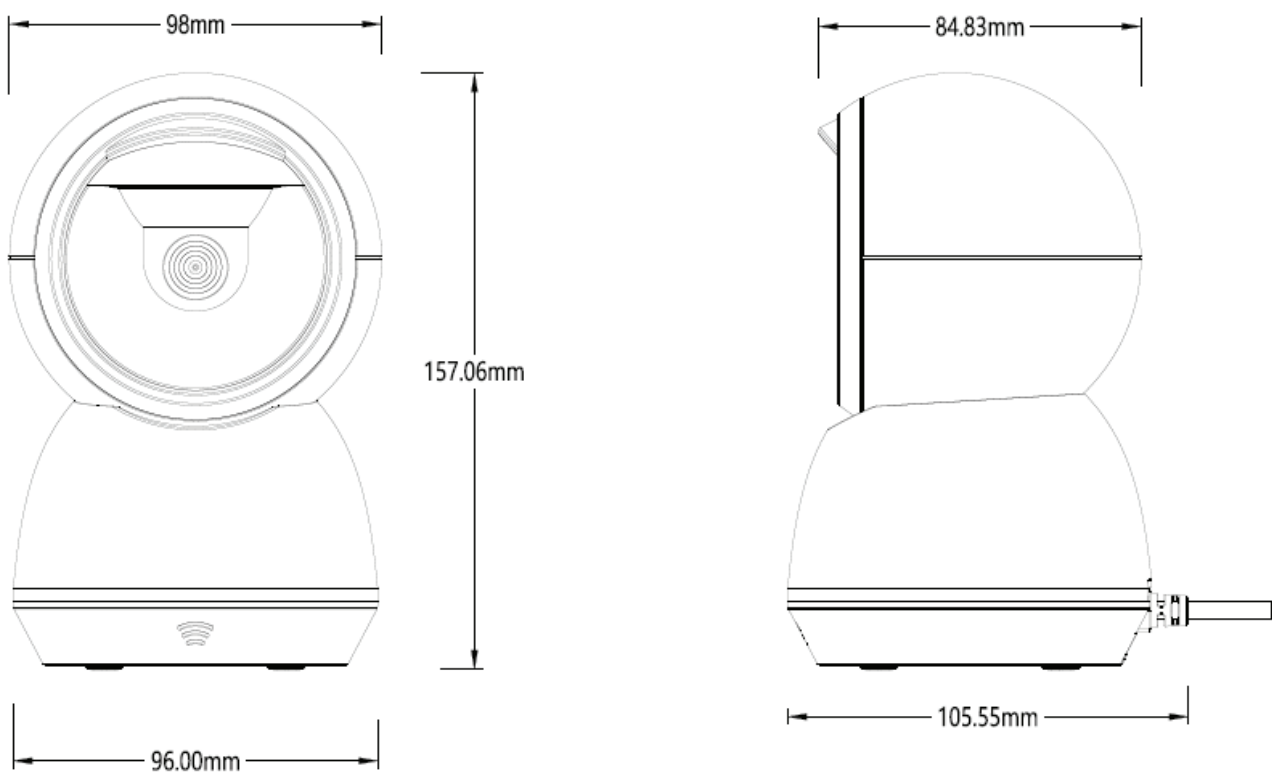
Product Model: A-700+



A-700+ Features

A-700+ is equipped with AiGather's patented advanced decoding algorithm software, and combines a 2m/s motion tolerance and a large reading angle to deliver an extremely smooth decoding experience in the moving barcode. It can quickly read various LCD and OLED screen codes and printed product codes, expanding the scope of decoding applications and improving decoding efficiency.

A-700+ Dimensions



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.

A-700+ Technical Parameter

Performance Parameter																																							
Light Source	LED White LED																																						
Image sensor	640*480 pixels Global Shutter																																						
Resolution(maximum)	0.102mm / 3mils																																						
Print contrast ratio(minimum)	≥15% Reflection Difference																																						
CPU	1.2G Dual-core																																						
Motion tolerance	2M/sec																																						
Image Field of View	D54°/H45°/V36°																																						
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	LED/Buzzer(adjustable tone)																																						
Typical depth of Field	<table><tr><td>Precision</td><td>Barcode</td><td>Depth of Field</td></tr><tr><td>3mil</td><td>CODE128</td><td>0mm—30mm</td></tr><tr><td>3mil</td><td>EAN-13</td><td>0mm—30mm</td></tr><tr><td>5mil</td><td>PDF417</td><td>0mm—30mm</td></tr><tr><td>5mil</td><td>CODE128</td><td>0mm—70mm</td></tr><tr><td>5mil</td><td>EAN-13</td><td>0mm—70mm</td></tr><tr><td>5mil</td><td>PDF417</td><td>0mm—65mm</td></tr><tr><td>13.34mil</td><td>EAN-13</td><td>0mm—180mm</td></tr><tr><td>10mil</td><td>CODE128</td><td>0mm—150mm</td></tr><tr><td>10mil</td><td>PDF417</td><td>0mm—140mm</td></tr><tr><td>20mil</td><td>QR</td><td>0mm—160mm</td></tr><tr><td>20mil</td><td>DM</td><td>0mm—140mm</td></tr></table> (The minimum depth of field is determined by the barcode length and scanning angle. It depends on the print resolution, contrast and ambient light.)			Precision	Barcode	Depth of Field	3mil	CODE128	0mm—30mm	3mil	EAN-13	0mm—30mm	5mil	PDF417	0mm—30mm	5mil	CODE128	0mm—70mm	5mil	EAN-13	0mm—70mm	5mil	PDF417	0mm—65mm	13.34mil	EAN-13	0mm—180mm	10mil	CODE128	0mm—150mm	10mil	PDF417	0mm—140mm	20mil	QR	0mm—160mm	20mil	DM	0mm—140mm
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Physical characteristics																																							
Color available	White; Black																																						
Dimensions (L*W*H)	98*105.55*157.06mm																																						
Weight	278g																																						
Cable	1.8M																																						
Electrical Parameter																																							
Current	Working current (Standard): < 300 mA; Standby current (Standard): < 210 mA																																						
Input Voltage	5 VDC (+/- 10%)/500mA																																						
Environmental Parameter																																							
ESD protection	Contact discharge 8 kV; Air discharge 15KV																																						
Drop resistance	Withstands repeated drops from 1.2m/4.0 ft onto a concrete surface.																																						
Temperature	Operation: -10 to 50 °C Storage/Transport: -20 to 65 °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																																							
Warranty	2years																																						

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