

SPECIFICATION

Product Name: 2D Desktop Barcode Scanner

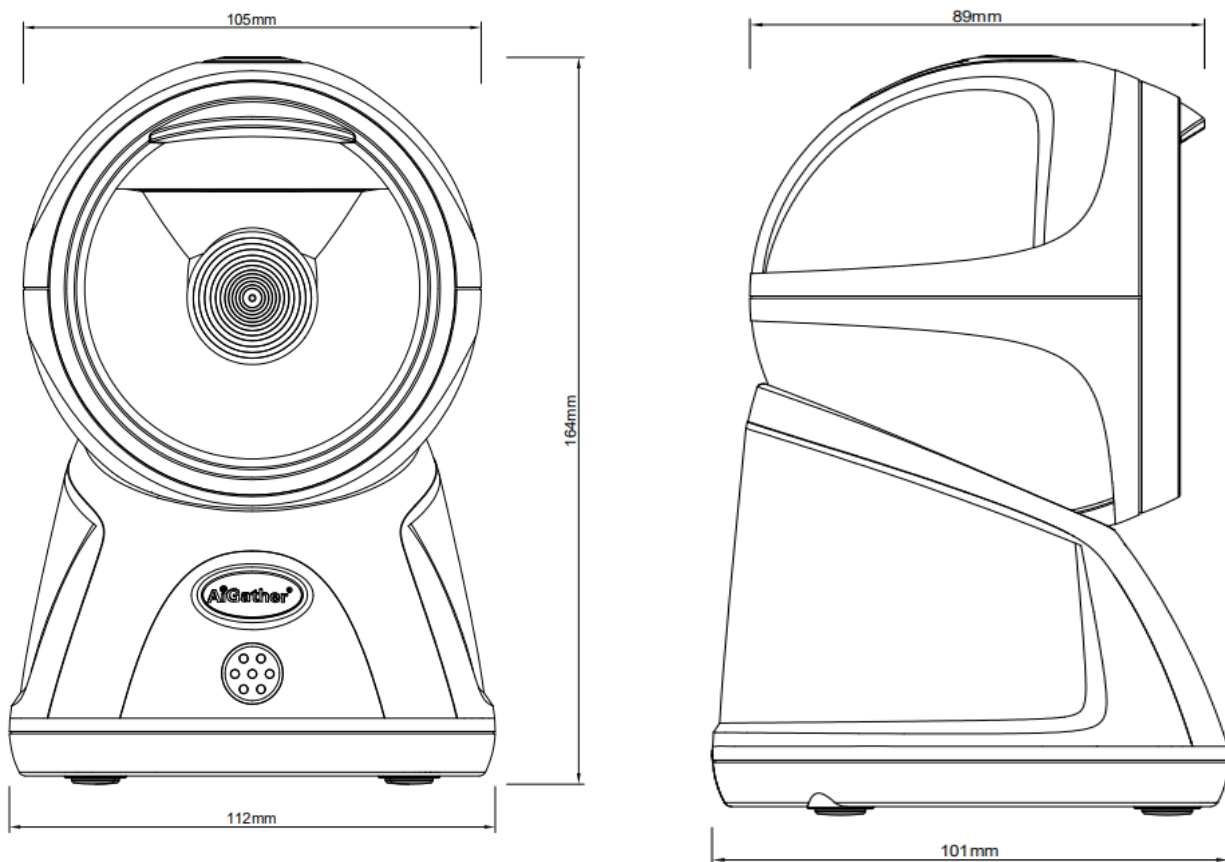
Product Model: A-80+



A-80+ Features

- Equipped with AiGather's patented advanced decoding algorithm software, combined with a 2m/s motion tolerance and a large reading angle, it delivers an extremely smooth decoding experience;
- No need to switch the scanning mode, quickly read screen codes and printed codes, support printed codes with a printing contrast of more than 15% and various damaged, wrinkled, or poor printing quality product barcodes;
- Humanized design: when using it in a sitting position, you can rotate the window to face the desktop to avoid direct light; when idle, you can press the top switch to turn off the fill light to prevent eye fatigue; when working, press the top switch to turn on the fill light for better reading;
- A-80+ can be compatible with many operating systems, like Windows, Mac OS, Linux, Android and iOS; besides USB interface are standard, RS-232 and HID POS for option.

A-80+ Dimensions



A-80+ Specification

Performance Parameter																																							
Light Source	LED Red light (Osram from Germany)																																						
CPU	1.2G Dual-core																																						
Image sensor	640*480 pixels Global Shutter																																						
Image speed	120FPS																																						
Resolution(maximum)	3mil																																						
Print contrast ratio(minimum)	≥15%																																						
Motion tolerance	2M/sec																																						
Reading Angle	Pitch: ±65°; Roll(Tilt): 0-360°; Skew (Yaw): ±60°																																						
Image field of view	D54°/ H45° /V36°																																						
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><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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Electrical Parameter																																							
Current	Working current (Standard): < 300 mA Standby current (Standard): < 210 mA																																						
Input Voltage	5 VDC (+/- 5%)/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.																																						
Particulate and water sealing	IP52																																						
Temperature	Operation: -10 to 50 °C Storage/Transport: -40 to 70 °C																																						
Humidity(non-condensing)	5 - 95%																																						
Ambient light	0 -100,000 lux																																						
Interfaces																																							
Interfaces	USB HID; USB COM; RS-232; HID POS(OPOS/JPOS), optional interface																																						
Warranty																																							
	2years warranty																																						

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.