



SPECIFICATION

Product Name: 2D Desktop Barcode Scanner

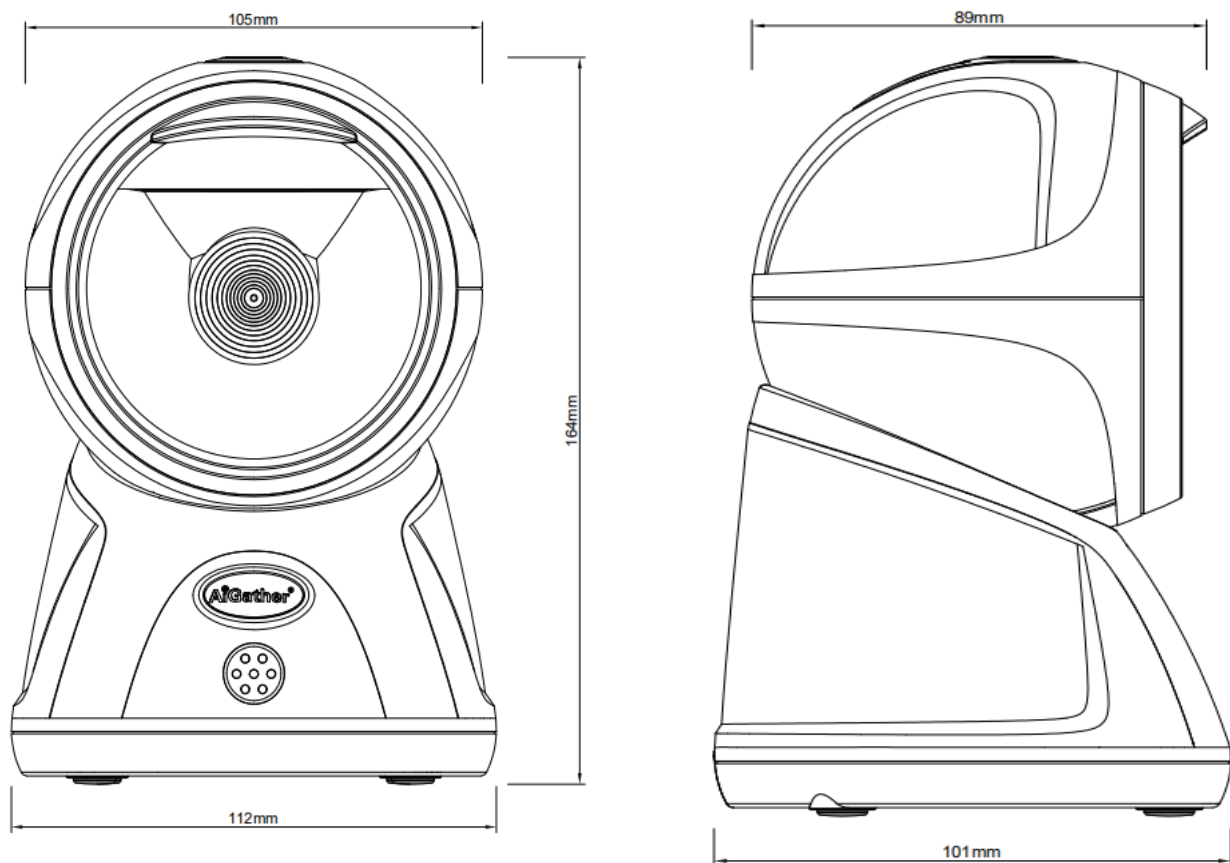
Product Model: A-80+



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



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-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	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
	(The minimum depth of field is determined by the barcode length and scanning angle. It depends on the print resolution, contrast and ambient light.)		
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		