

Specification

Product Name: 2D Image Desktop Scanner

Product Model: A-80



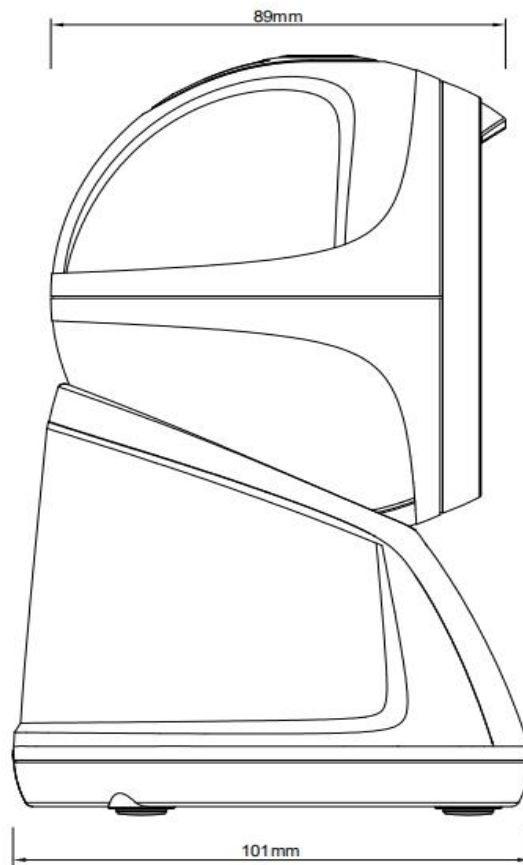
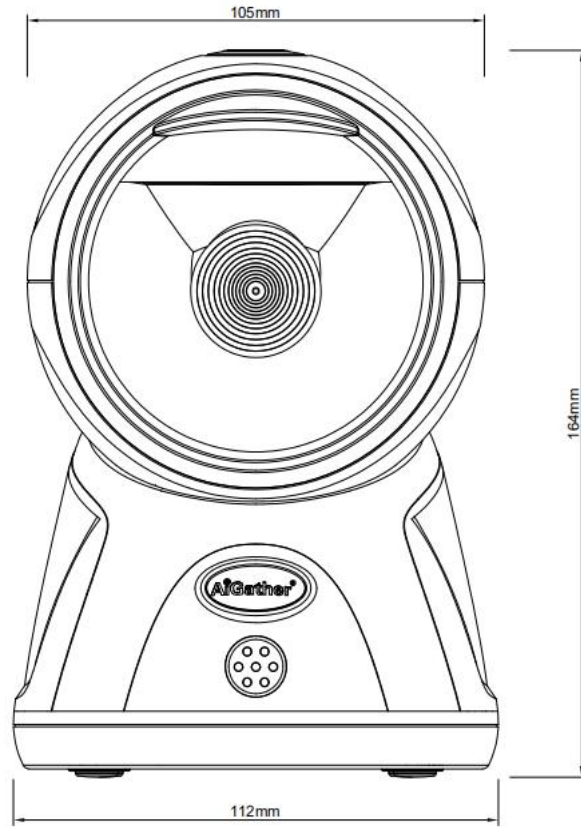
A-80 Features

- 300,000 pixels global shutter, with 2M/s Motion Tolerance.
- Fast decoding speeds at 120 FPS/s.
- Precision: 4 mils (3mils supports customization.)
- Easily read the paper, plastic, mobile phones, LCD displays, etc., and even high-precision, wrinkled, damaged, or poorly printed bar codes.
- Bright red LEDs for illuminating scanning surfaces.
- Read all mainstream 1D&2D bar codes.

A-80 Main Parts



A-80 Dimensions



Performance Parameter			
Light Source	LED Red light		
Image sensor	640*480 pixels		
Resolution(maximum)	0.102mm / 4mils		
Print contrast ratio(minimum)	≥15%		
Motion tolerance	2M/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	LED light&Buzzer(adjustable tone and volume)		
Typical depth of Field	Precision	Barcode	Depth of Field
	5mil	CODE128	1mm—80mm
	5mil	EAN-13	1mm—80mm
	13.34mil	EAN-13	5mm—245mm
	5mil	PDF417	5mm—70mm
	10mil	PDF417	5mm—180mm
	15mil	PDF417	10mm—280mm
	20mil	DM	5mm—80mm
	(The minimum depth of field is determined by the barcode length and scanning angle. It depends on the print resolution, contrast and ambient light.)		
Physical characteristics			
Color available	Black&Orange&Blue		
Dimensions (L*W*H)	112*101*164mm		
Weight	313g		
Cable	1.6m		
Electrical Parameter			
Current	Working current (Standard): < 300 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: -20 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			
	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.

A-80 Factory standard & Packaging size

Model	A-80	Interface	USB、USB COM
Scanner (1PCS)	313g	Color	Black&Grey;Black&Orange; Black&blue;
Status	Scanner and cable are split	Cable	1.6m (75g)
Official standard	Scanner/USB cable/manual/packaging box		