



SPECIFICATION

Product Name: 2D Desktop Barcode Scanner

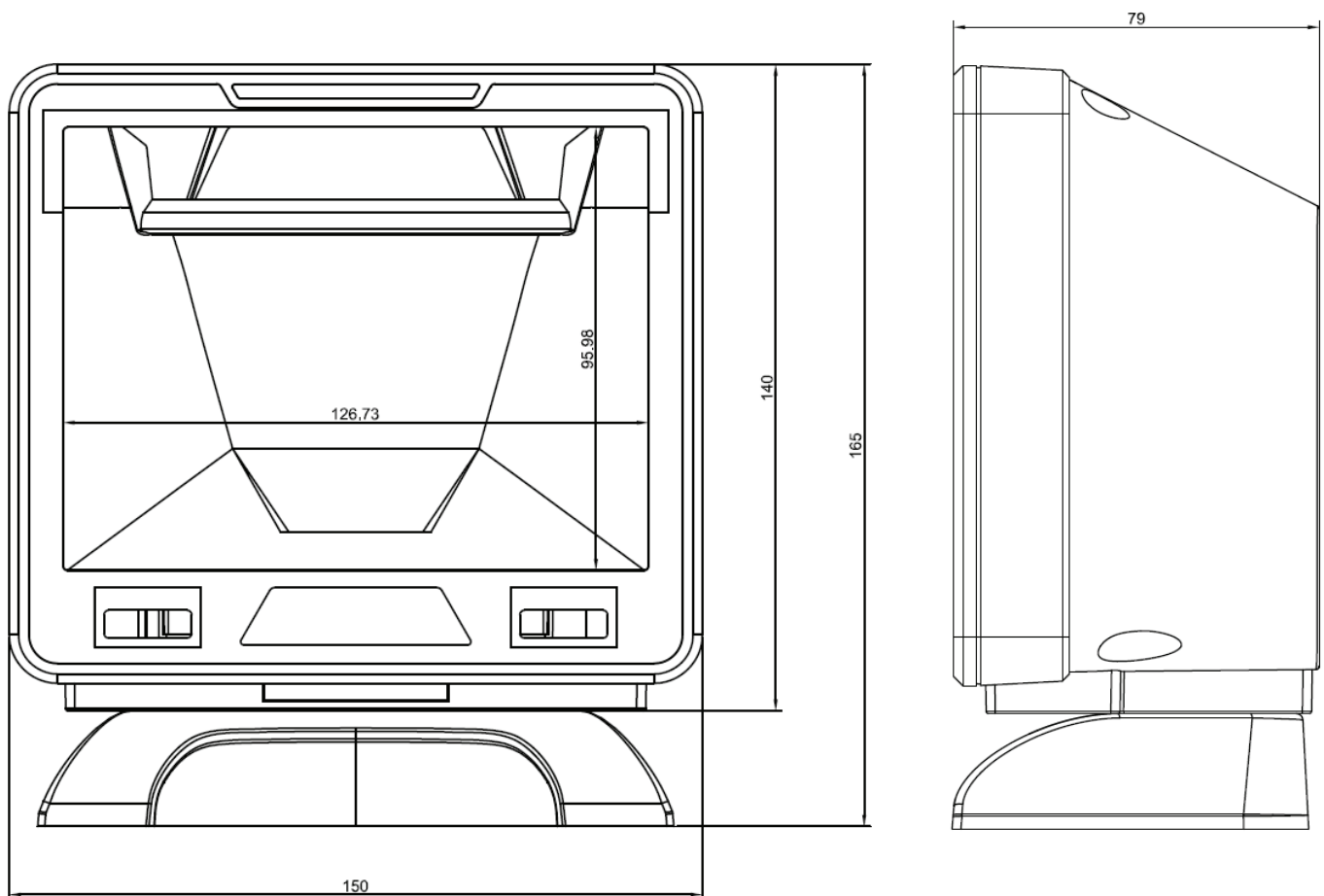
Product Model: A-90



A-90 Features

A-90 is a desktop CMOS barcode scanner with stylish appearance and exquisite workmanship. Equipped with AiGather's patented advanced decoding algorithm, combined with a new decoding chip and a megapixel camera, as well as a 2M/S motion tolerance and a large reading window, it can easily handle various high-speed scanning operations. And in different application scenarios, it also has excellent performance capabilities. The embedded shell design can be easily connected to the cashier counter. The clear scanning prompt sound and LED indication enable it to have accurate prompts even in noisy environments.

A-90 Dimensions



Without stand, size is 150*140*79mm, 421g(not include cable)

With stand, size is 150*165*79mm, 480g(not include cable)

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-90 Specification

Performance Parameter			
Light Source	LED Red light (Osram from Germany)		
CPU	1.2G Dual-core		
Image sensor	1280*1024, 1.3 Million pixels Global Shutter		
Resolution(maximum)	0.102mm / 4mils		
Print contrast ratio(minimum)	≥20%		
Motion tolerance	2M/sec		
Reading Angle	Pitch: 0-360°; Roll(Tilt): ±60°; Skew (Yaw): ±65°		
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	0mm—90mm
	5mil	EAN-13	0mm—90mm
	13.34mil	EAN-13	0mm—280mm
	10mil	QR	0mm—110mm
	10mil	PDF417	0mm—260mm
	20mil	QR	0mm—200mm
	20mil	DM	5mm—110mm
	(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): < 430 mA Standby current (Standard): < 220 mA		
Input Voltage	5 VDC (+/- 10%)		
Environmental Parameter			
ESD protection	Touch 8 kV; Air 15kV		
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			
	2years warranty		