



SPECIFICATION

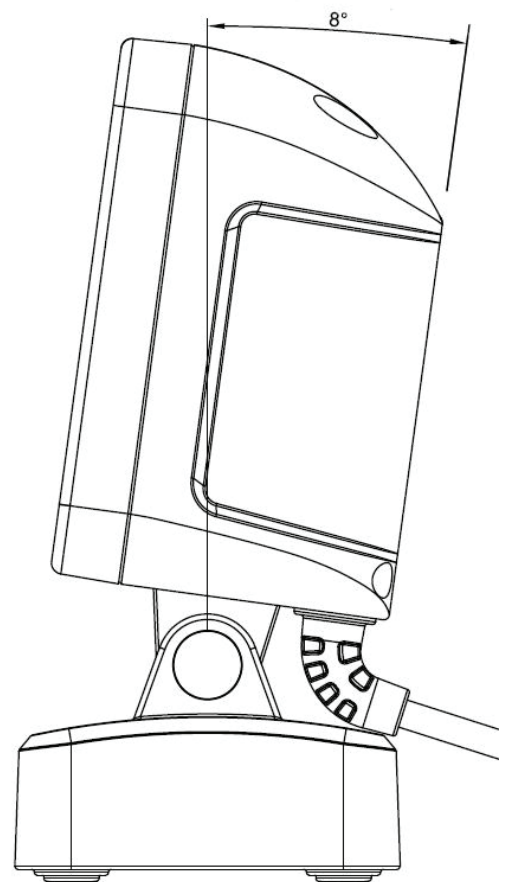
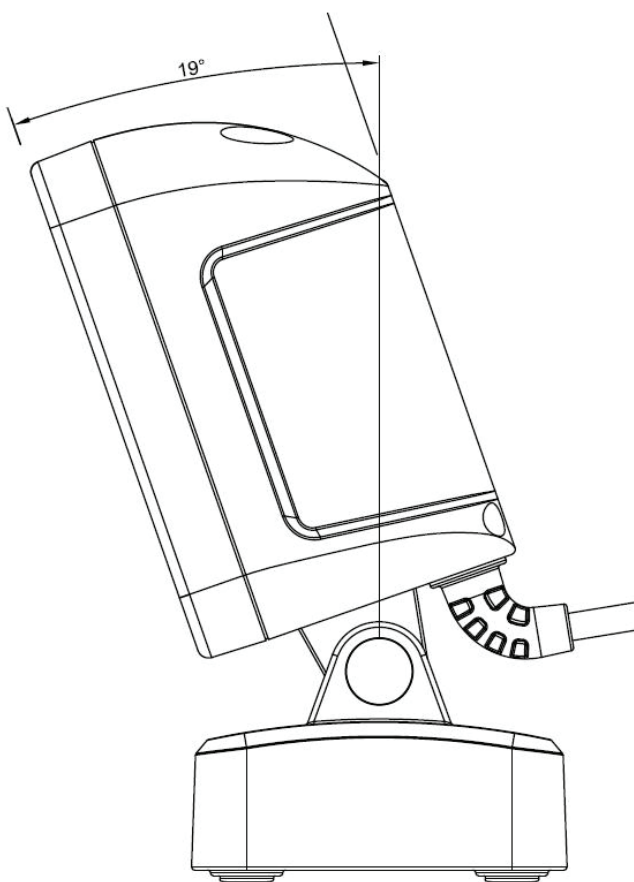
Product Name: 2D Desktop Barcode Scanner

Product Model: A-85

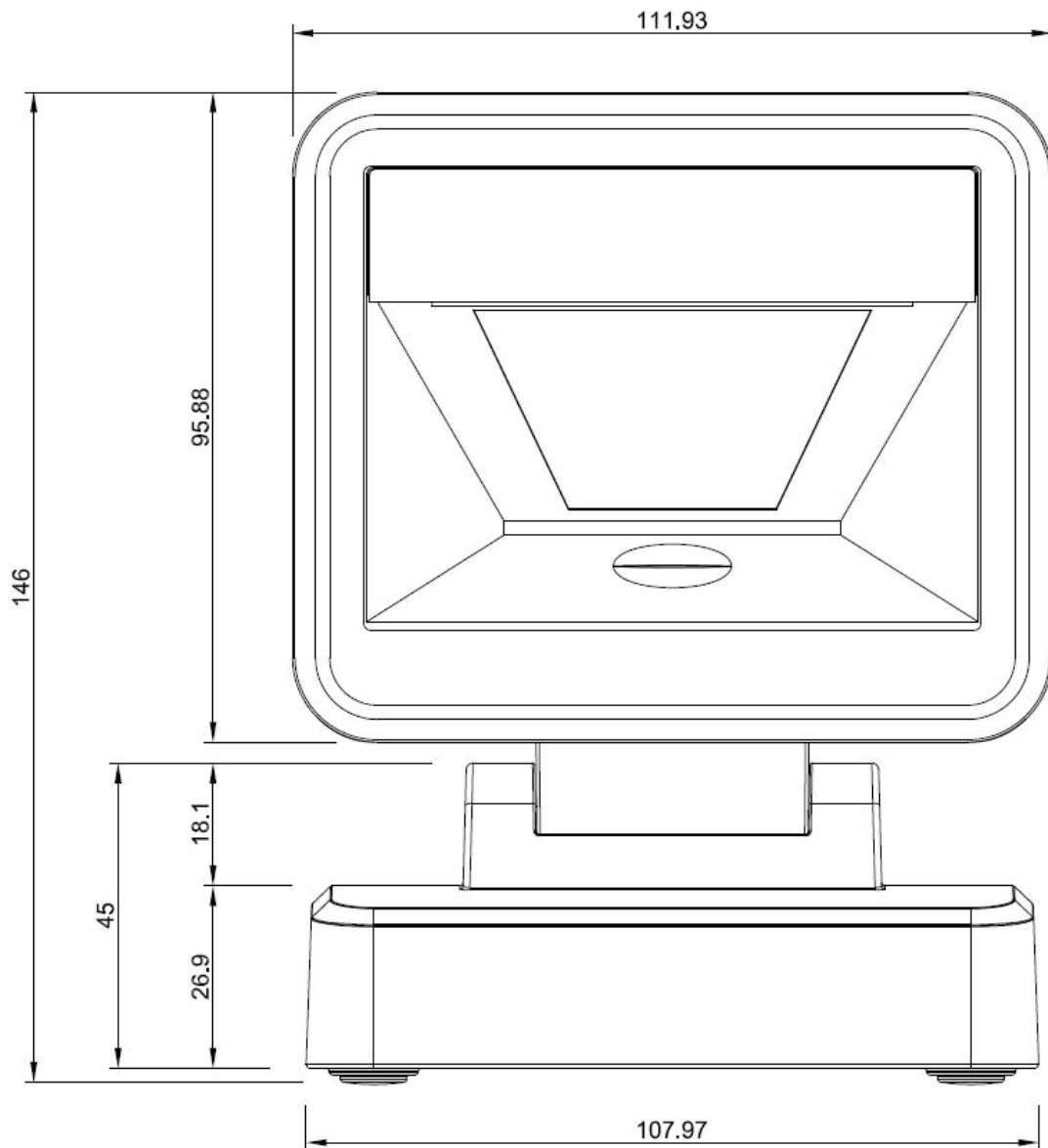


A-85 Features

- 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;
- 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;
- 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.
- It uses less counter space and has a large scanning viewing and FOV angle. It also supports the free adjustment of the scan window angle front and back, bringing an intuitive experience to users.



A-85 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.

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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)	0.102mm / 4mils																										
Print contrast ratio(minimum)	≥15%																										
Motion tolerance	2M/sec																										
Reading Angle	Pitch: 0-360°; Roll(Tilt): ±60°; Skew (Yaw): ±60°																										
Angle of field of view	Horizontal: 50°; Vertical: 38°																										
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>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>13.34mil</td><td>EAN-13</td><td>0mm—240mm</td></tr><tr><td>5mil</td><td>PDF417</td><td>5mm—60mm</td></tr><tr><td>10mil</td><td>PDF417</td><td>0mm—170mm</td></tr><tr><td>15mil</td><td>PDF417</td><td>0mm—280mm</td></tr><tr><td>20mil</td><td>DM</td><td>5mm—80mm</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	5mil	CODE128	0mm—70mm	5mil	EAN-13	0mm—70mm	13.34mil	EAN-13	0mm—240mm	5mil	PDF417	5mm—60mm	10mil	PDF417	0mm—170mm	15mil	PDF417	0mm—280mm	20mil	DM	5mm—80mm
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Electrical Parameter																											
Current	Working current (Standard): < 300 mA Standby current (Standard): < 210 mA																										
Input Voltage	5 VDC (+/- 10%)/500mA																										
Environmental Parameter																											
ESD protection	Touch 8 kV; Air 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	RS-232; USB HID; USB COM; HID POS available as per customer's needs																										
Warranty																											
	2years warranty																										