

# SPECIFICATION

**Product Name:** Wireless Desktop 2D Barcode Scanner

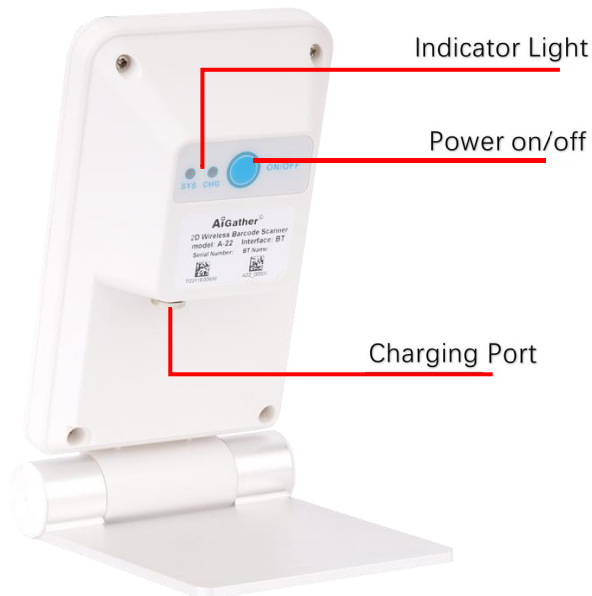
**Product Model:** A-22



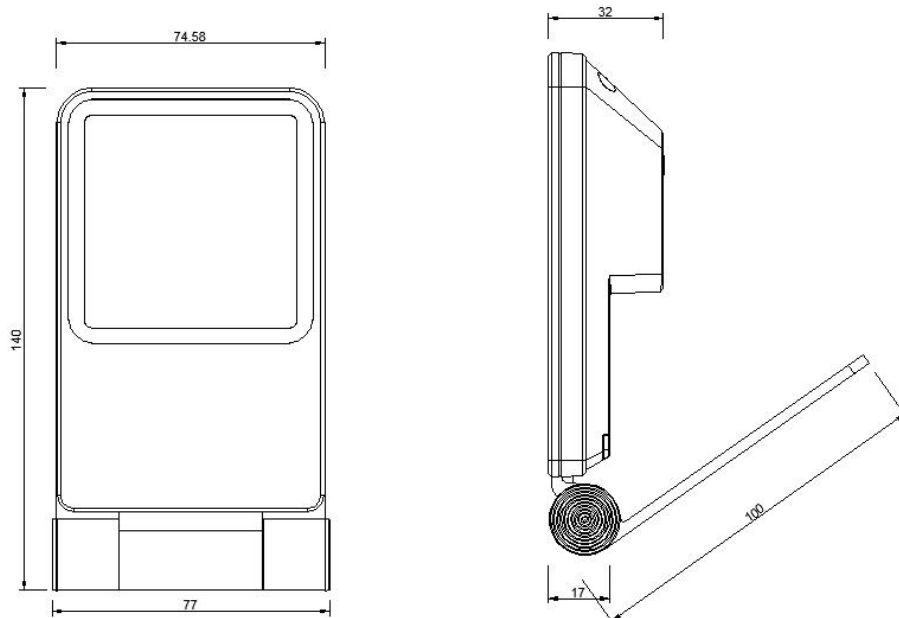
## A-22 Features

- A-22 is equipped with AiGather's patented advanced decoding algorithm and has a large reading angle, which makes it an extremely smooth decoding experience during scanning;
- Quickly read screen codes and paper codes, supporting to read paper codes with a printing contrast of more than 20% and various damaged, wrinkled, or poor-quality product barcodes;
- Ultra-thin and foldable design achieves excellent operating comfort;
- Supports a variety of keyboard languages, no need driver, just plug-and-play, and compatible with all major operating systems;
- The large-capacity battery of 2700 mAh can continuously read more than 80,000 commodity barcodes when fully charged;
- Two wireless transmission methods, 2.4G and Bluetooth, are available.

## A-22 Main Part



## A-22 Dimension



## A-22 Specification

Performance Parameter																	
Light Source	LED White Light																
Image sensor	640*480 pixels Global Shutter																
Resolution(maximum)	0.102mm / 4mils																
Print contrast ratio(minimum)	≥ 20%																
Image Speed	120FPS																
Motion tolerance	1.2M/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	Buzzer(adjustable tone)																
Typical depth of Field	<table> <tr> <td>Precision Barcode</td><td>Depth of Field</td></tr> <tr> <td>5mil CODE128</td><td>40mm—110mm</td></tr> <tr> <td>5mil EAN-13</td><td>40mm—110mm</td></tr> <tr> <td>13.34mil EAN-13</td><td>65mm—300mm</td></tr> <tr> <td>5mil PDF417</td><td>40mm—100mm</td></tr> <tr> <td>10mil PDF417</td><td>30mm—210mm</td></tr> <tr> <td>15mil PDF417</td><td>30mm—310mm</td></tr> <tr> <td>20mil DM</td><td>20mm—110mm</td></tr> </table> <p>(The minimum depth of field is determined by the barcode length and scanning angle. It depends on the print resolution, contrast and ambient light.)</p>	Precision Barcode	Depth of Field	5mil CODE128	40mm—110mm	5mil EAN-13	40mm—110mm	13.34mil EAN-13	65mm—300mm	5mil PDF417	40mm—100mm	10mil PDF417	30mm—210mm	15mil PDF417	30mm—310mm	20mil DM	20mm—110mm
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Electrical Parameter																	
Current	Working current (Standard): < 280 mA; Standby current (Standard): 230 mA																
Input Voltage	5 VDC (+/- 10%)/500mA																
Environmental Parameter																	
ESD protection	Contact discharge 8 kV; Air discharge 15 kV																
Drop resistance	Withstands repeated drops from 1.2m/4.0 ft onto a concrete surface.																
Temperature	Operation: -10 to 50 °C Storage/Transport: -20 to 65 °C																
Humidity(non-condensing)	5 - 95%																
Ambient light	0 -100,000 lux (Daylight)																
Cordless Parameter																	
Cordless mode	2.4G & Bluetooth																
Transmission distance	2.4G: 60~80 meters; Bluetooth: 20~30m (basic on open space)																
Communication mode	Wireless real-time transmission/wired transmission/storage mode																
Battery capacity	2700mAh																
Continuous working time	> 12H, it can continuously read 120,000 commodity barcodes when fully charged																
Charging time	4~5H																
Warranty																	
Warranty	2years																

## Product maintenance tips?

1. The reading window must be keep 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.