SPECIFICATION

Product Name: Fixed Mount 2D Barcode scanner
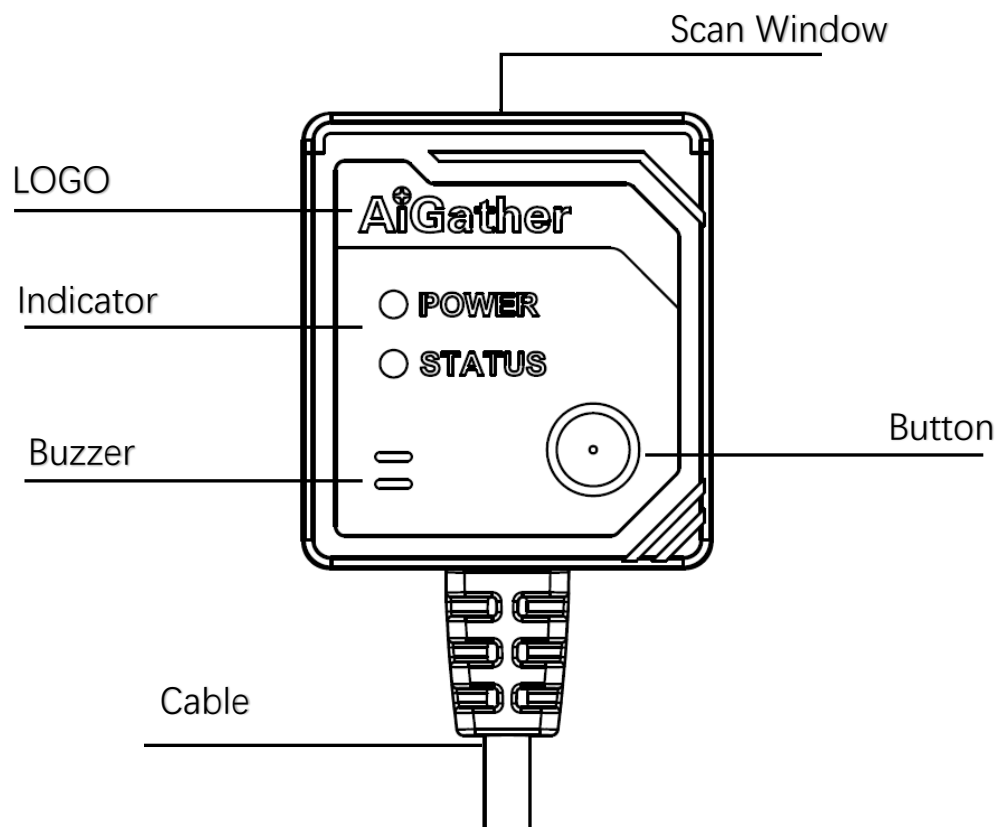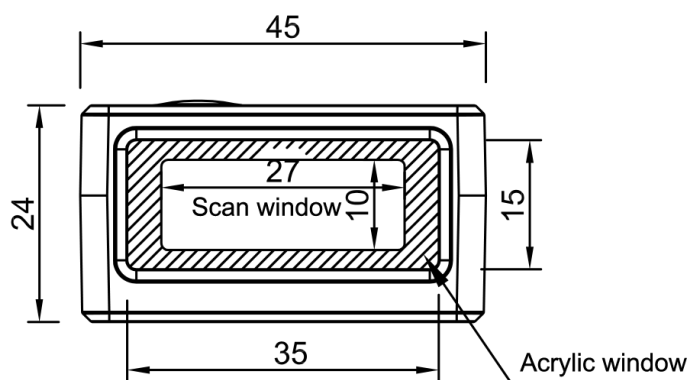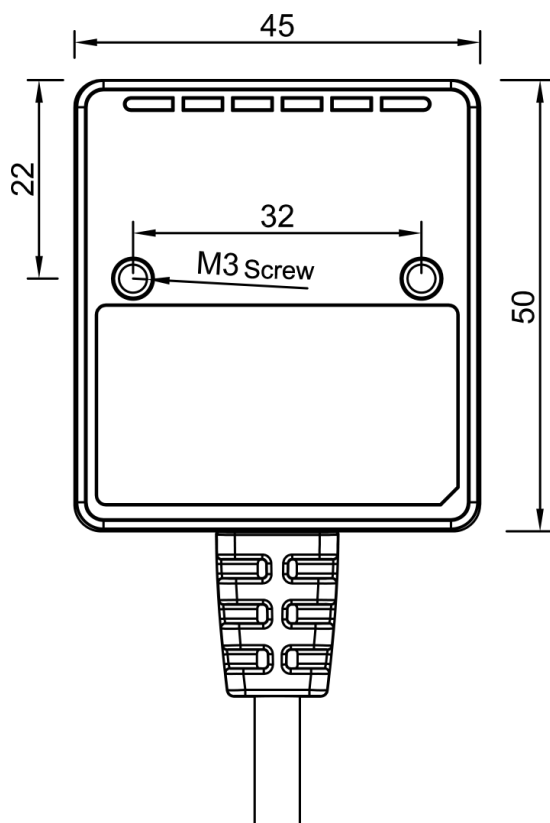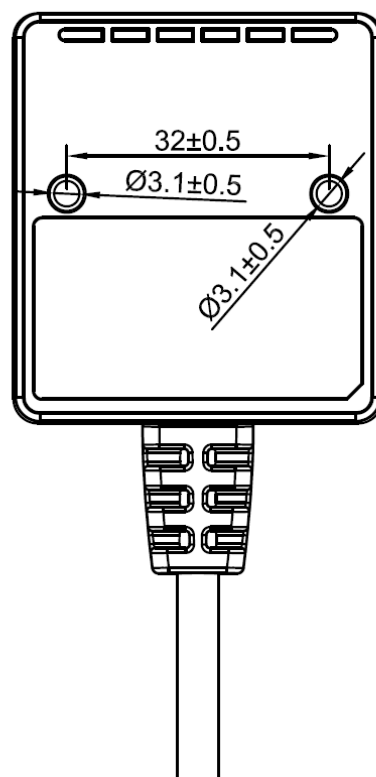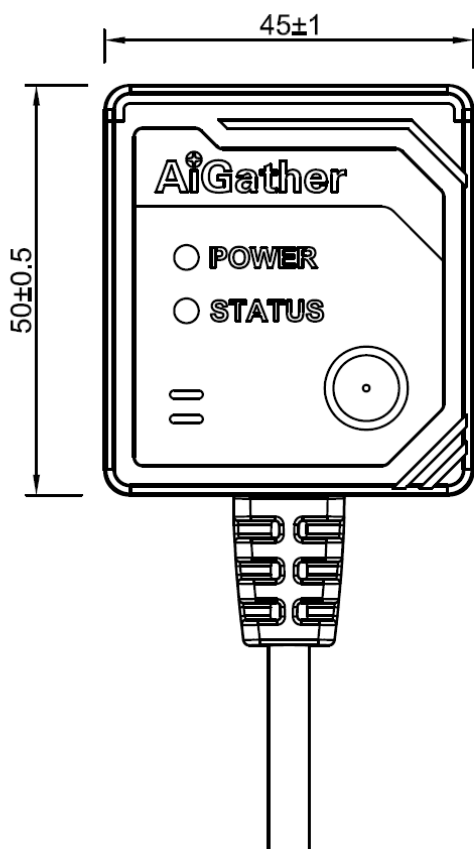
Product Model: A-G5HD

A-G5HD Feature

- A-G5HD is a fixed 2D barcode scanner, suitable for general industrial environments. It is equipped with a 1.2G dual-core processor and a CMOS image sensor with motion tolerance. Whether it is reading the barcode in static or motion have excellent decoding performance.

- A-G5HD supports automatic reading, induction reading and command control. The compact body can be flexibly installed on various devices without fear of any space restrictions.

A-G5HD Main Parts

Scan Window

LOGO

AiGather

Indicator

○ POWER

○ STATUS

Buzzer

Button

Cable

A-G5HD Product Size

45±1

50±0.5

32±0.5 Ø3.1±0.5

Ø3.1±0.5

AiGather
○ POWER
○ STATUS

45

22

32

M3 Screw

50

45

24

27
Scan window
10

15

35

Acrylic window

A-G5HD Specification

Performance Parameter	
Light Source	LED White light
Aiming Light	Green Dot
Image Sensor	640*480 pixels (Global Shutter)
CPU	1.2G Dual core
Resolution(maximum)	3mil
Minimum Print Contrast	15% Reflection Difference
Motion Tolerance	2M/S
Image Field of View	Horizontal: 50°; Vertical: 38°
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 3.34mil CODE 128 40mm—80mm 5mil CODE128 35mm—135mm 3.34mil EAN-13 40mm—80mm 5mil EAN-13 30mm—105mm 13.34mil EAN-13 30mm—290mm 5mil PDF417 35mm—105mm 15mil QR 20mm—155mm 10mil DM 30mm—140mm 20mil QR 30mm—265mm (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): < 280 mA ; Standby current(Standard): < 90 mA
Input Voltage	5 VDC (+/- 5%)/500mA
Environmental Parameter	
ESD Protection	Air discharge: 15Kv; Contact discharge: 8Kv
Drop resistance	Withstands repeated drops from 1.2m/4.0 ft onto a concrete surface.
Temperature	Working: 0 to 40 °C Storage/Transport: -40 to 70°C
Humidity(non-condensing)	5 - 95%
Ambient light	Indoor: 0 to 6,000 lux; Outdoor: 0 to 100,000 lux
Product Size	50*45*24mm
Interfaces	RS-232; USB HID; USB COM; HID POS available as per customer's needs
Transmission	Support multi-language transmission, compatible with major operating systems, support the editing of barcode data.
Warranty	24 months

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.