



7W/5VDC Solar Panel User Manual

For

AIOTO GO Smart 4G Outdoor Security Camera





Box Content:



1. Solar panel with DC3.5 barrel plug 13.1ft (4m)
2. 300 -degree mounting bracket
3. Weatherproof DC 3.5 to Micro-USB adapter
4. Installation screws(X4) & anchors(X4)

Where should I install the solar panel?

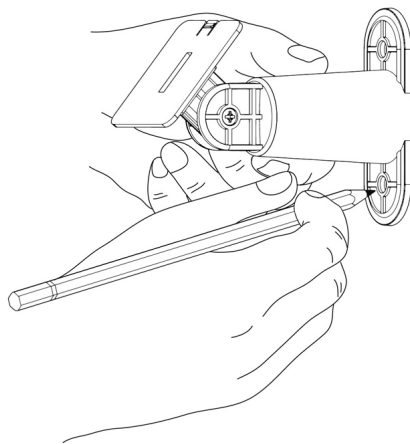
You can mount the solar panel within 13.1ft (4m) (Max cable length) of your AIOTO GO camera. Install your solar panel at a location where it will receive a few hours of direct sunlight daily. The solar panel can be mounted onto wall, tree or roof.

How do I mount the solar panel?

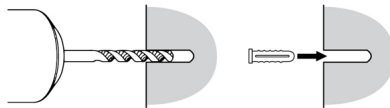
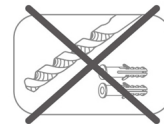
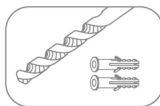
Attach the mounting bracket to a solid surface with the supplied screws.

If mounting to a wooden surface, screw the mounting bracket directly to the surface. If mounting to a masonry surface (bricks, concrete, or stucco), drill two holes using a 6mm drill bit and insert the supplied wall anchors into holes. Then secure the mounting bracket to the surface with supplied screws.

1



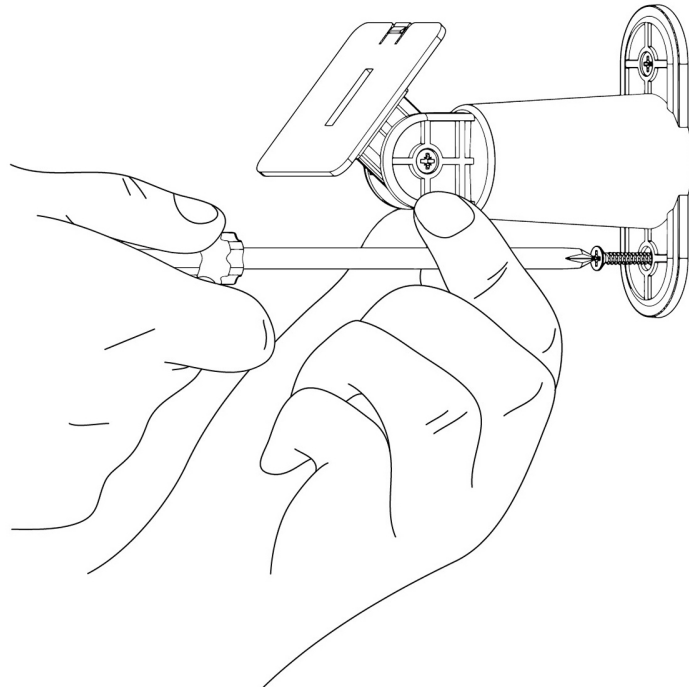
2



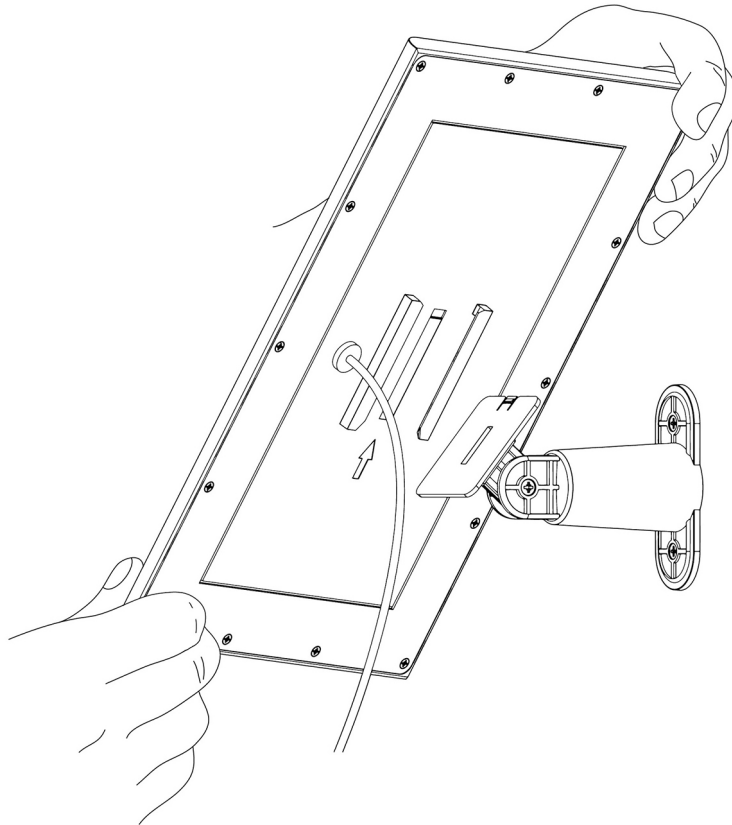
masonry surface

wooden surface

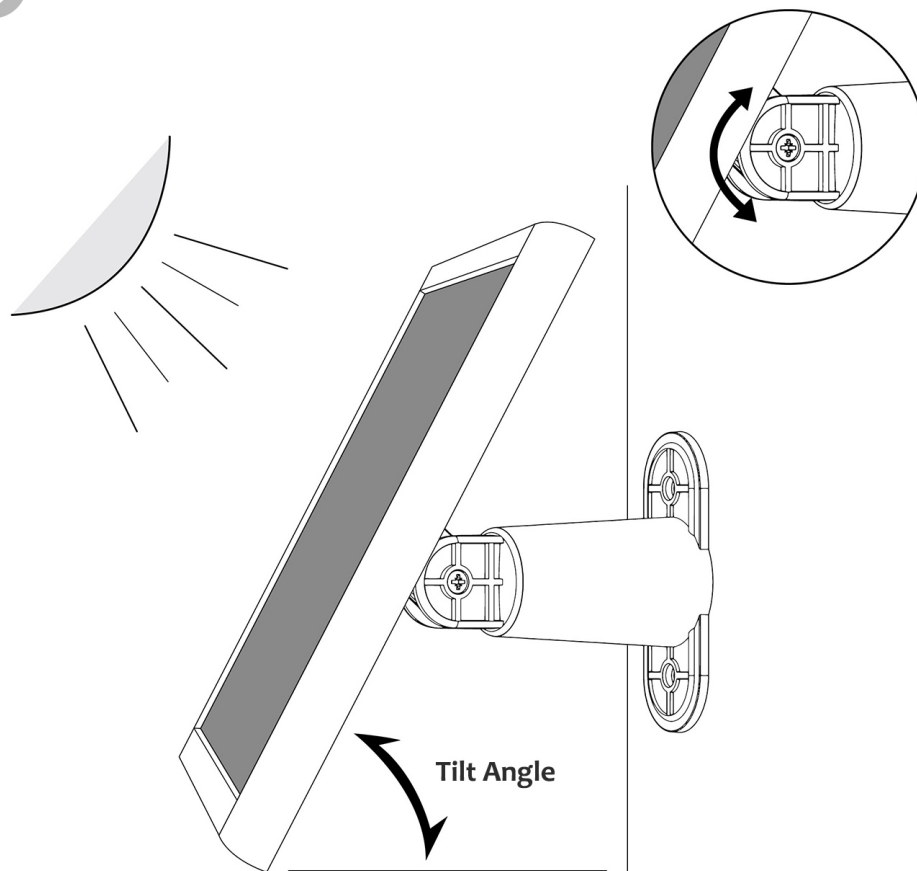
3



4



5



How do I determine optimal solar panel angle by Zip code?

Step 1: You need to choose a proper location where the solar panel can receive sufficient sunlight throughout the year. The more sunlight it receives the more energy it will produce.

Step 2: Do a Google search for the latitude of your location address or Zip code. Adjust the optimal tilt angle of solar panel. The ideal angle will be equal or close to the latitude of the location of solar panel. However the proper solar panel angle will fluctuate over the course of the year. For summer and the warm months, it will be 15 degrees minus your altitude. For winter and the cooler months, the ideal solar panel angle will be 15 degrees added to your altitude.

How do I connect the solar panel to AIOTO GO Camera?

Step 1: Connect the barrel plug from solar panel to micro USB adapter.

Step 2: Open the rubber cape located at the bottom of your camera, and plug the micro USB adapter into micro USB port of camera. Press firmly after you have plugged in the adapter cable to make sure it is sealed well.



How do I maintain the solar panel system?

Keep the best location and angle for your solar panel to get maximum sun-light exposure throughout the year.

Periodically clean the solar panel with a soft cloth and warm water. Keep the solar panel surface clear of dust, leaves and debris for optimum performance.

General Specifications

- **Casing material:** PC (UV resistant)
- **Dimensions:** 11.8in x 7.8in x 0.6in
- **Weight:** 1.98lbs (900g)
- **Solar Power:** Max.7W/5VDC/1.4A
- **Operating Temperature:** -40°C ~ 85°C
- **Weather resistant:** tempered glass
- **Adapters:** Micro USB Charging

For more information visit :

<https://www.aiototech.com/>

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