

ebook

Adjustable Camera Holder for Raspberry Pi Camera



Areas of application

The products are intended for the support and assembly of electronic components and circuits.

Required knowledge and skills

The use of these products requires basic knowledge of electrical engineering and the handling of electronic components. Users should be able to install the products correctly and take the necessary safety precautions.

Environmental conditions

The products should be used in an environment free from moisture, dust and direct sunlight. They should not be operated near heat sources or in chemically aggressive environments to avoid damage and safety risks.

Intended Use

Passive electrical products such as heat sinks, battery holders and clips or breakout boards should be operated in environments that meet the specified temperature and voltage ranges of the respective products. These components are typically designed for indoor use.

Improper foreseeable use

Improper but foreseeable uses include use in humid or extremely hot environments or operation by untrained or disabled persons. The product must be kept away from children and pets.

disposal

Do not discard with household waste! Your product is according to the European one Directive on waste electrical and electronic equipment to be disposed of in an environmentally friendly manner. The valuable raw materials contained therein can be recycled become. The application of this directive contributes to environmental and health protection. Use the collection point set up by your municipality to return and Recycling of old electrical and electronic devices. WEEE Reg. No.: DE 62624346

safety instructions

Attention: Improper disposal of electronic components can endanger the environment and health. Note: Dispose of electronic components in accordance with local regulations and use appropriate recycling options. Attention: Chemically aggressive media can damage the materials of the products. Note: Do not use the products in corrosive or chemically aggressive environments. Attention: Improper disposal of electronic components can endanger the environment and health. Note: Dispose of electronic components in accordance with local regulations and use appropriate recycling options. Attention: Chemically aggressive media can damage the materials of the products. Note: Do not use the products in corrosive or chemically aggressive environments. Caution: Mechanical shock or bending can damage the products and connected components. Note: Avoid mechanical stress and protect the products from physical influences. Attention: Inadequate fastening can lead to malfunctions and damage. Note: Make sure all products are securely and firmly assembled. Caution: Damaged products may pose safety risks. Note: Check products regularly for visible damage and replace defective parts immediately. Attention: Overloading can lead to overheating and failure of the products. Note: Use the products only within the specified load limits. Attention: Overheating can cause damage to the products and the connected electronic components. Note: Make sure that, for example, heat sinks or components that heat up are adequately ventilated and that the specified temperature ranges are not exceeded.

Specifications:

- **Brand:** AZ-Delivery
- **Product Type:** Adjustable Camera Holder
- **Compatibility:** Suitable for all Raspberry Pi cameras
- **Package Includes:**
 - Adjustable camera mount
 - Assembly screws (tools not included)
- **Design:** Elegant and adjustable design for flexible camera positioning
- **Additional Information:** Includes an e-book with setup and configuration instructions

How to Use:

- 1. Preparation:**
 - Unbox the camera holder and ensure all parts are present, including the camera mount and screws.
- 2. Assembling the Camera Holder:**
 - **Step 1:** Identify the mounting holes on your Raspberry Pi camera module.
 - **Step 2:** Align the camera module with the adjustable camera holder.
 - **Step 3:** Use the provided screws to attach the camera module to the holder. Tighten the screws securely, but do not over-tighten to avoid damaging the camera module.
- 3. Adjusting the Camera Angle:**
 - **Step 1:** Once the camera module is securely attached, adjust the angle of the camera by loosening the adjustment screws on the holder.
 - **Step 2:** Position the camera to the desired angle and tighten the adjustment screws to lock the position.
- 4. Mounting the Holder:**
 - **Step 1:** Choose a stable surface or mount where you want to place the camera holder.
 - **Step 2:** Secure the base of the holder using appropriate screws or adhesive, ensuring it is stable and won't move during operation.

5. Connecting to Raspberry Pi:

- **Step 1:** Connect the camera module to the Raspberry Pi using the appropriate ribbon cable.
- **Step 2:** Ensure the connection is secure and the cable is properly inserted into the camera port on the Raspberry Pi.

6. Testing the Setup:

- **Step 1:** Power on your Raspberry Pi.
- **Step 2:** Use the camera software or Raspberry Pi OS to test the camera functionality and adjust the positioning if necessary.

Common Uses:

- **Surveillance and Monitoring:** Ideal for setting up a Raspberry Pi-based camera for security or monitoring.
- **Educational Projects:** Great for students and hobbyists learning about camera integration and Raspberry Pi projects.
- **DIY Projects:** Suitable for various DIY projects requiring adjustable camera positioning.

Precautions:

- **Handle with Care:** Ensure the camera module and holder are handled carefully to avoid damage.
- **Secure Connections:** Double-check all connections and screws to ensure the camera is securely mounted and connected.