

Aibecy withzoom

Aibecy withzoom 1080P 3X Optical Zoom Webcam Instruction Manual

1. INTRODUCTION

This instruction manual provides detailed information on the setup, operation, maintenance, and troubleshooting for your Aibecy withzoom 1080P 3X Optical Zoom Webcam. Please read this manual thoroughly before using the product to ensure proper functionality and to prevent damage.

2. PRODUCT OVERVIEW

2.1 Key Features

- 1080P Full HD Video Resolution
- 3X Optical Zoom Lens
- 355° Horizontal Rotation and 90° Vertical Rotation
- Remote Control Operation
- USB Connectivity
- Compatible with Windows, Mac, Linux, and Chromebook operating systems
- Infrared (IR) support

2.2 Package Contents

Verify that all items are present in the package:

- Aibecy withzoom Webcam
- Remote Control
- AC Power Adapter
- USB Cable
- Mounting Bracket
- Screws for installation



Figure 1: Package Contents

2.3 Product Diagram



Figure 2: Front View and Components

- **HD Lens:** Captures high-definition video.
- **355° Rotating Gimbal:** Allows for wide-angle coverage and precise positioning.

- **IR Infrared Receiver:** Receives signals from the remote control.
- **Power Indicator:** Shows the power status of the device.
- **Remote Indicator:** Lights up when a remote control signal is received.

3. SETUP GUIDE

3.1 Installation Methods

The Aibecy withzoom webcam offers flexible installation options:

- **Table Placement:** Place the camera on a flat surface such as a desk or conference table.
- **Ceiling Mount:** Use the included mounting bracket and screws to attach the camera to the ceiling. Ensure the image flip function is enabled if mounting upside down.
- **Bracket Mount:** Attach the camera to a tripod or other compatible bracket using the screw hole at the bottom.



Figure 3: Installation Options

3.2 Connecting the Camera

Follow these steps to connect your webcam:

1. **Power Connection:** Connect the AC power adapter to the camera's 12V power input port and plug it into a power outlet.
2. **USB Connection:** Connect the USB cable from the camera's USB port to an available USB port on your computer (Windows, Mac, Linux, or Chromebook). The camera is plug-and-play and does not require driver software.
3. **Optional RS232/RS422 Connection:** If advanced control via RS232 or RS422 is required, connect the appropriate cable from the camera to your control device.

USB HD 1080P



3倍ズーム



210万画素



製品の利点

ADVANTAGE

HIGH-DEFINITION CAMERA "VIDEO CONFERENCE"

HDレンズ

[テレビ会議]




● 新しい210万ピクセル、優れた画像再現
2.5MM HDレンズ EX3-1080S

1080P
HDムーブメント

HD画質
1080P HD解像度



会議専用
中小会議室

複数のソフトウェア
各種会議ソフト
ウェア対応

品質保証
1年間の無料保証

簡単に様々な問題会議を解きます

Figure 4: Connection Diagram

Once connected, open your video conferencing software (e.g., Zoom, Skype, Microsoft Teams) and select the Aibecy withzoom camera as your video input device.

4. OPERATING INSTRUCTIONS

4.1 Basic Operation

- **Power On:** After connecting the power adapter, the camera will automatically power on. The Power Indicator light will illuminate.
- **Power Off:** Disconnect the power adapter from the camera.

4.2 Using the Remote Control

The included remote control allows for easy adjustment of camera functions.



Figure 5: Webcam and Remote Control

- **Camera Selection Buttons:** If multiple cameras are connected, use these buttons to select the camera you wish to control.
- **Rotation Speed Control:** Adjust the pan/tilt speed for smoother movements.
- **Pan/Tilt/Zoom (PTZ) Controls:** Use the directional arrows to pan (left/right) and tilt (up/down) the camera. Use the zoom in/out buttons to adjust the optical zoom.
- **Preset Function Area:** Save and recall specific camera positions and zoom levels using the preset buttons.

4.3 Camera Movement and Zoom

The camera supports wide-range movement for comprehensive coverage:

- **Horizontal Rotation:** The camera head can rotate 355 degrees horizontally.
- **Vertical Rotation:** The camera head can tilt 90 degrees vertically.
- **Optical Zoom:** Utilize the 3X optical zoom to focus on specific areas without loss of image quality.



Figure 6: Camera Rotation Capabilities

4.4 Image Flip Function

If the camera is mounted upside down (e.g., on a ceiling), you can use the image flip function to correct the video orientation.

画像反転機能



Figure 7: Image Flip Function in Use

Refer to the remote control instructions for the specific button to activate or deactivate the image flip function.

5. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your webcam.

- **Cleaning:** Use a soft, dry cloth to clean the camera body. For the lens, use a specialized lens cleaning cloth and solution. Avoid abrasive cleaners or solvents.
- **Storage:** When not in use for extended periods, store the camera in a cool, dry place away from direct sunlight and extreme temperatures.
- **Handling:** Avoid dropping or subjecting the camera to strong impacts.

6. TROUBLESHOOTING

If you encounter issues with your Aibecy withzoom webcam, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
No image or video output	Power not connected; USB cable loose; Incorrect camera selected in software.	Ensure power adapter is securely connected. Check USB cable connection. Select the Aibecy withzoom camera in your video conferencing software settings.
Remote control not working	Batteries low/dead; Obstruction between remote and camera; Remote not pointed at IR receiver.	Replace remote control batteries. Ensure a clear line of sight to the camera's IR receiver. Point the remote directly at the camera.

Problem	Possible Cause	Solution
Image is upside down	Camera mounted upside down and image flip not activated.	Activate the image flip function using the remote control.
Poor video quality	Insufficient lighting; Dirty lens; Network bandwidth issues.	Ensure adequate lighting in the room. Clean the camera lens. Check your internet connection speed.

7. TECHNICAL SPECIFICATIONS

Feature	Specification
Brand	Aibecy
Model Number	withzoom
Video Capture Resolution	1080p
Optical Zoom	3X
Horizontal Rotation	355°
Vertical Rotation	90°
Connectivity Technology	USB
Compatible Devices	Windows, Mac, Linux, Chromebook
Special Features	Remote Control, Infrared
Image Stabilization	No
Package Dimensions	29.7 x 22.4 x 19.9 cm
Item Weight	1.51 kg

8. SUPPORT INFORMATION

For further assistance or inquiries not covered in this manual, please refer to the official Aibecy support channels or contact your retailer. Keep your purchase receipt for warranty purposes.