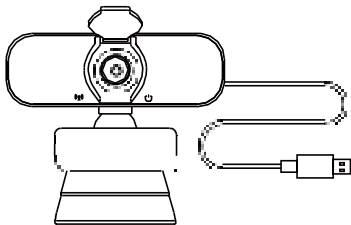


# WEB CAM

## Computer Video Camera Instruction Manual



# First. Product Overview

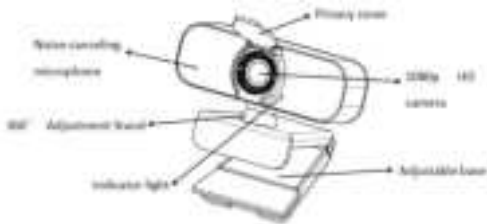
Thank you for choosing our newest webcam. This camera is a plug-and-play HD Webcam through USB interface, which has the advantages of high resolution, fast transmission speed, beautiful appearance and easy to carry. Support 1080P resolution, built-in noise-canceling microphone, etc., suitable for:

Video Calling/Video Online Conferencing/Remote Collaboration/Remote Teaching/Video Games/Live Streaming & Content Creation/Social Communication & Entertainment/Security Monitoring & Recording/Special Needs Tools

Such as Zoom/TikTok/YouTube/Facebook/Skype/Teams/Google Meet8/Twit/OBS Studio/Discord etc..

In order for you to operate this device as quickly and easily as possible, please read the product instruction manual provided with the product carefully before you start using it, so that you can use it correctly. The information in this manual is subject to change without notice.

## Second. Product information and parameters



Highest pixel frame rate: 1920X1080@30fps, But the real output depends on the third-party application platform.

HD 1080P COMS Color sensor,

Interface: USB 2.0 port (compatible with USB3.0) & OTG interface, plug and play, no installation required, easy to use

Image usage distance: 50 cm to infinity

Auto support: white balance, exposure adjustment

Output image format: MJPEG YUY2

Status Indicator: Yes

Microphone: Omnidirectional microphone

Tripod Threaded Hole Specification: 1/4" standard threaded hole

Support 360° rotation, up and down 45° to manually adjust the angle

Weight of the unit: 122g

Unit size: L86\*W62\*H55

Operating temperature: -30℃~65℃

# Third. Quick installation guide

## 1. Compatible devices

Operating system: Windows 7/8/10/11, macOS 10.15 and above

Interface requirements: USB 2.0/3.0 (it is recommended to plug directly into the back-end interface of the host and avoid using USB hubs)

## 2. Connection steps

Unboxing → Unfold the folding bracket → Place the camera on top of the monitor & desktop → USB directly to the computer → Power on when the red light turns on → turn on the system camera (or third-party video software platform) → output the picture

For camera mounting: Attaching the triangular bracket (included in some products) to the adjustable base allows for an alternative camera placement.

About the LED indicator: the red light is powered on, which means that the camera has been connected to the computer, and the green light is working state, which means that the camera can output the picture normally.

This camera comes with a built-in physical dust and physical privacy shield.

Product function: USB camera plug and play, with flip privacy cover, protect the user's personal privacy, with adjustable base and triangular bracket (included in some products), you can adjust the angle and place it in a variety of ways according to customer needs.

You can adjust the direction and angle of the camera as needed to get the right frame range. When rotating the lens angle to frame, you must be careful, do not touch the surface of the lens glass with your fingers, if the lens is dirty, you can use a dust-free cloth to wipe it with industrial alcohol to restore a clear image.

The "camera" has a built-in intelligent automatic adjustment function, which generally does not need to be adjusted, it can automatically adjust the brightness and color restoration of the image according to the ambient light to achieve the best effect, and the effect will be better in the case of ambient lighting or sufficient light.

Focal length: It is best to shoot people and objects at a distance of more than 50CM.

### **3. Software settings**

#### **Driver installation**

Windows system: automatic installation of drivers, plug and play, if the driver can not be recognized, please contact us by email, customer service will reply within 3 days

macOS: Plug and play, requires camera permission in System Preferences → Security & Privacy

This finished product is free to use, use the system's own camera or third-party software to take photos or audio and video recordings, plug in the USB interface, open the program software that needs to be used to directly produce the picture, if there is no picture or no sound, please check the relevant settings, or re-plug and try to plug in again, note that the front USB interface of some computer equipment will have insufficient power supply, you can plug it into the rear USB interface of the computer to solve this problem.

#### 4.Third-party platform settings (taking common platforms as an example)

If you use a third-party video software platform, the image in the window is based on the default resolution of the third-party software, please refer to the settings of the third-party video software platform for this modification, or consult the third-party video software company for help.

| platform      | Set the path  | Precautions                                   |
|---------------|---|---|
| Zoom          | Set up → 4 video → select the device name             | Turn off "Security" to avoid lag              |
| Facebook Live | Set up your live stream → camera → select your device | Browser camera permission needs to be granted |
| Discord       | File settings up → video and voice → camera           | Adjust FPS to 30 to prevent stuttering        |



## Precautions:

1. Do not use in high, low, dusty, or humid environments to avoid water ingress into the camera.
2. Avoid direct contact with the lens with your hands, sharp or rough objects, and clean it with a clean, soft cloth if the lens is dirty.
3. Try not to drop the product from a height, severe drops may cause the focal length of the lens to change or damage the product, which will affect the clarity and cause scratches on the surface of the product, or even make it unusable.
4. If your computer (laptop) has a built-in camera/microphone, you will need to change the default camera/microphone settings (see Scenario 1 in Problem 1 for details). For example, change the default camera in the settings of your video software.

## **Fourth. Solutions to common problems**

### **Problem 1. The camera is not recognized**

#### **Situation 1: The computer has a built-in camera and microphone**

Solution: You need to disable the camera and microphone that come with the computer, otherwise there will be a hardware conflict, resulting in unusability. You need to find the device manager in "My Computer" → find the corresponding microphone device and camera device in "Sound, Video & Game Controller" and "Image Device" respectively → right-click and select "Disable".

#### **Situation 2: The computer does not have a built-in camera and microphone**

Solution: If the camera lights up red at this time, it means that the camera has been connected and is in standby mode, and you need to open the corresponding video chat software, such as Facebook, zoom, or other software, to video chat to activate the camera.

#### **Situation 3: After the webcam is connected, the computer pops up a window with the meaning "This USB device cannot be used" or the same meaning.**

Solution: This situation is caused by the poor contact or damage of the USB port of the computer, it is

recommended to try or restart the computer with another USB port, if it still does not work, change to another computer to verify.

**Situation 4: When the USB camera is plugged in for the first time, the driver fails to install and cannot be used**

Solution: Replug the USB port or restart the computer. The USB webcam is a drive-free camera, no need to manually install the driver, you only need to plug the USB interface into the computer to automatically install the driver, and then open the video chat software to use the camera.

**Situation 5: A desktop computer uses a webcam**

Solution: It is recommended to use the USB port on the back of the computer host, because the port on the back is directly connected to the motherboard, and the recognition rate and stability will be better than the USB port on the front of the computer host.

**Note:** When the USB port of the computer is aged or damaged, the computer will not be able to recognize the camera, resulting in the camera being unable to be used. After the above methods, if it still doesn't work, restart the computer or change to another computer for testing.

Problem 2: The video can be played, but the microphone is not working, there is no sound, or the sound is very weak

**Situation 1: The computer has a built-in microphone device**

Solution: If the computer has a built-in microphone, it will cause a hardware conflict and cannot be used, so you need to disable the corresponding computer microphone device (please refer to Situation 1 in Problem 1 for details).

**Situation 2: The customer mistakenly believes that the microphone has a speaker function**

Solution: The webcam's microphone has the ability to produce sound, but it does not have a speaker function, and it is not a speaker.

**Situation 3: Microphone sound is weak**

Solution: Maybe the volume is not amplified, and the customer can adjust the microphone playback volume for a better product experience. Each software has a microphone setting, and customers can find the corresponding microphone setting to adjust the volume.

**Situation 4: The microphone is still silent after the customer has tried the above method**

Solution: Customers can try to plug in the webcam and restart the computer to see if the problem is solved, if it is still not solved, it may be that the microphone has been damaged, if it is not man-made damage, please send it back to the original factory for repair.

### Problem 3.The video resolution is very low, or other resolution issues

**Situation 1: Some social or conferencing software is set to 480p or 720p by default, so it will lead to a poor webcam experience**

Solution: You can change the resolution in the software to achieve the desired image quality

**Situation 2: The screen resolution of the computer/laptop causes the overall resolution of the webcam to be poor**

Solution: Right-click on the blank space of the desktop and select the screen resolution.

### Problem 4.Webcam compatibility or supported software and systems

(1) Support Windows 32-bit/64-bit XP (SP2, SP3), Vista, Win7, Win8, Win10, Win11, Linux or OS with UVC driver Android and other system devices.

(2) Supported software: Zoom, Facebook, QQ, WeChat and other mainstream software (refer to product overview).

### (3) Permission setting guide:

Windows: Set → privacy → camera → allow apps to access the camera

macOS: System Preferences → Security & Privacy → Camera

Browser: Tap the lock icon in the address bar → enable camera permissions

### (4) Frame stuttering/frame dropping:

Close other software that is occupying the camera

Reduce the resolution in the platform settings (e.g. from 1080p to 720p)

Disable Windows Enhanced Image Processing (NVIDIA graphics card only)

## Problem 5. Noise interference problem

**Situation 1: There are devices such as mobile phones, radios, Bluetooth speakers, etc., around the camera**

Solution: These devices send and receive signals and interfere with the camera microphone, so they make noise throughout the video call. Customers are advised to turn off these devices or keep them at a distance from the camera to prevent interference.

**Situation 2: There are no electronic devices around the camera**

Solution: Turn on the "Background Noise Suppression" function in the call software, keep the distance between the microphone and the mouth 20-30cm, and avoid placing the camera close to noise sources such as air conditioners/fans.

## Problem 6. The indicator light is not on

### **Situation 1: The camera's red indicator light is on, but the green indicator light is not on**

Solution: This situation may be due to the fact that the customer does not open any software that uses the camera, or the software does not use the camera to produce images, the customer only needs to open the video call software or live broadcast software to make the camera in working state. (If the camera cannot be recognized, please refer to Problem 1 to solve the problem.)

### **Situation 2: Neither the red nor the green indicator light of the camera is on**

Solution: This situation means that the camera is not connected to the power supply, the customer needs to check whether the power supply equipment is working normally, whether the power supply equipment interface is aging, damaged or the voltage is unstable, the use of desktop computer power supply can connect the camera interface to the USB interface behind the host to ensure stable power supply, if the power supply equipment is normal, please check whether the camera USB interface is

damaged, if it is damaged and non-man-made damage, please contact the original factory for repair.

**Situation 3: The computer can output the image but the indicator light does not light up**

Solution: It may be caused by the damage of the indicator light, if it is not man-made damage, please send it back to the original factory for repair

**Problem 7.**The customer connected a webcam to a Windows laptop, the driver started downloading, and then stopped

**Situation 1: The driver has been installed**

Solution: In this case, the webcam is already on standby, you just need to open the corresponding video software to activate the webcam for video chatting.

**Situation 2: The driver installation is interrupted**

Solution: At this time, you need to unplug the USB port of the camera, then connect it to the computer again, and it will reinstall the driver.

**Problem 8:** The picture is blurry/too dark/color cast

Solution: Adjust the shooting video angle and the distance between the person and object being filmed is



greater than 50CM, avoid using it in a backlit environment, turn on the indoor light when the ambient light is too dark, check whether the glass in the center of the camera lens has handprints and dirt, if so, you need to wipe it with a dust-free cloth(glasses cloth) or wipe it with some alcohol, turn off "Auto Exposure" in the software settings to manually adjust the brightness or set the camera color, brightness, white balance, etc. on the third-party software platform.

## **Fifth. Precautions for the use environment**

### **1.Privacy and security**

Do not point the camera at sensitive areas (e.g. bedrooms/no-shoot scenes)

Privacy Cover: Flip the cover to physically close the lens

### **2.Equipment maintenance**

1.The lens of the camera does not need to be cleaned frequently, and the lens is cleaned with an ultra-fine dust-free cloth (glasses cloth) after a period of use.

2.Avoid high temperatures and humidity environment (e.g. bathroom/kitchen).

3.Avoid direct contact with water.

4.Avoid touching the camera lens area with your hands and sharp objects to avoid affecting the clarity.

5.Try to avoid dropping the product from a height, as severe drops may change the focal length of the lens, leading to surface scratches or affecting clarity, and may even render it unusable.

## Sixth. Return alerts

! The following situations are not quality problems

Blurry images caused by not removing the lens protector

Insufficient power supply due to the use of non-genuine extension cords

Compatibility issues with Linux

Problems with device permission settings

Third-party software platform issues

The USB port of the computer used is damaged

## **Seventh. After-sales service guidelines**

### **1. Technical support**

Customer service email: laight@micro-camera.com (Reply within 72 hours)

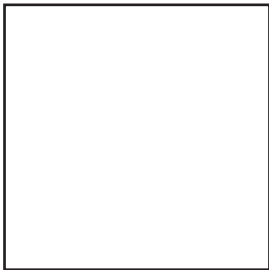
### **2. Warranty**

12-month limited warranty (proof of purchase required)

Man-made damage/liquid ingress does not apply

### **Made for Your Digital Life**

- ▶ Follow our official TikTok account @brandname for usage tips videos
- ▶ Official certification: in line with the United States RoHS environmental protection standards
- ▶ Version 2 | 2025 Q2 Update



Please scan the QR code above to get the electronic manual/installation video