REDRAGON
USB Streaming Webcam

GW911 USB Streaming Webcam Operating Instructions

US UK

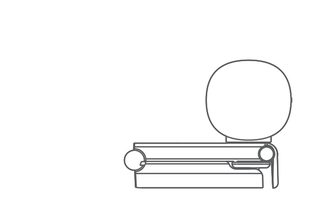
Note:

Please do not touch the lens when using the product that would cause dirt on the lens and affect the image effect. Accidentally touched the lens, please use a special wipe cloth to gently wipe the lens clean, for not easy to wipe dirt can use wipe cloth with alcohol gently wipe.

It is normal for AF to have poor focusing performance or fail to focus accurately in a special scene with a large amount of stray light or a single color background. Please adjust the camera position appropriately or shake the camera down.

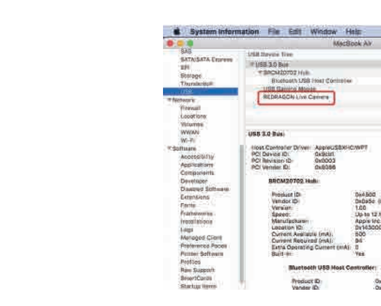
1. Setting up your webcam:

1)Connect webcam to your computer's USB port ;
2)The LED lights up to indicate that the camera is running ;
3)Focus Adjustment:
Auto/Fixed focus options, no need to adjustment.



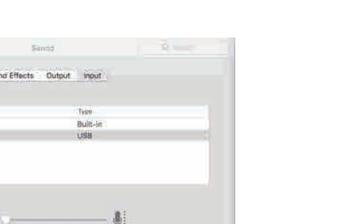
2. For Mac OS x Users:

The Webcam will be automatically installed when you connect it to a Mac; no additional software is required. For video recording, please open Photo Booth; For video calling please open Face Time or Skype and other software etc. For playing video, please use Quick Time .Quick Time and Photo Booth are preinstalled on all Macs as standard.
To check if the webcam is detected or not, you may click the "Apple" menu (in the top let corner of your screen)and then click "About this Mac" Click on "System Report" from the pop-up window that appears. The System Information window for your Mac will appear, Navigate to the "USB" Section and check to see if the webcam is listed as a connected device(Show as " REDRAGON Live Camera" like the photo below).



3. Audio Setting:

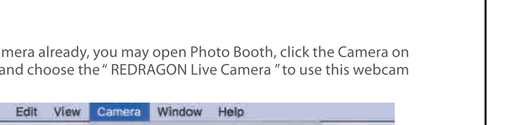
Failure to properly set up the video device and audio device (including the microphone and speaker) will cause the camera to not record audio and video and the computer will not play the sound.
①In Mac OS X, open "System Preferences"> select " sound">"input">"Select Sound Input Device">,select "REDRAGON Live Camera Audio" as the default sound input device (microphone) to obtain CD or DVD sound quality.
②In Mac OS X,open "System Preferences">" sound">"Output">"Output Volume">uncheck "Mute"in this menu and adjust the system speaker volume to a medium volume. Refer to the figure below:



For video recording, please open Photo Booth; For video calling please open Face time or Skype and other software etc, For playing video, please use QuickTime. Quick Time and Photo Booth are preinstalled on all Macs as standard.

4. Photo Booth

If your Mac has a built-in camera already, you may open Photo Booth, click the Camera on the top left of your screen, and choose the " REDRAGON Live Camera " to use this webcam (like in the photo below).



5. For Windows Users

The REDRAGON Live Camera is compatible with most Windows operation system included Windows XP(SP2)/7/8/10

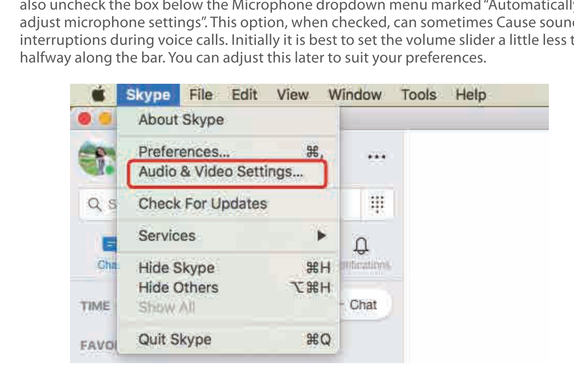
1)Installation
The webcam will automatically be installed when you connect it to your computer, click:" Control Panel">"Device Manager">"Sound, video and game controllers" and "Audio inputs and outputs". It will appear "REDRAGON Live Camera Audio";
Click "Image Device" ["Cameras" in Windows 10] it will appear " REDRAGON Live Camera" it is indicating that the camera has been successfully installed.

2)Audio Setting
Setting audio input device (Microphone):
For Windows System, right click "Speak" at the button right corner of the computer>"Recording devices">"Recording tab> select "REDRAGON Live Camera Audio">click"Set as default Device" in the "Default Device" or "Default Communicate Device".

3)Video setting:
There is no video recording Tools in Windows XP SP2/7 system, you need to install video application tools such as AMCAP firstly. Select "Devices" in the AMCAP software, select "REDRAGON Live Camera Audio" for the default sound recording (audio input) device, select "REDRAGON Live Camera" as the default video device.

6. Skype setting for Windows user.

Open your Skype application
①Select the "Tools" menu and go to "Options" in the "General" tab, make sure that your settings are as follows:
②Audio setting. Select "REDRAGON Live Camera" for Microphone and your Windows Default Device (or your soundcard) for Speakers and Ringing. We recommend that users also uncheck the box below the Microphone dropdown menu marked "Automatically adjust microphone settings". This option, when checked, can sometimes Cause sound interruptions during voice calls. Initially it is best to set the volume slider a little less than halfway along the bar. You can adjust this later to suit your preferences.



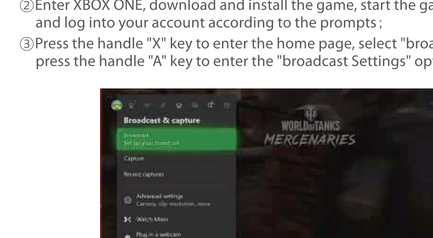
③Video Settings: Select" REDRAGON Live Camera" from the dropdown menu. Remember to save your changes before closing the window.

Note:

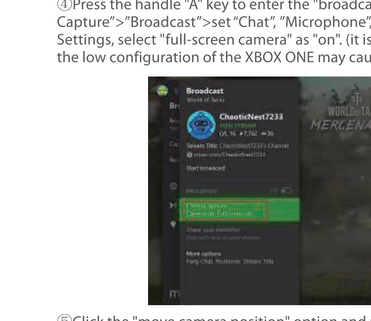
If the camera image doesn't look as good as the local preview video during the video call, it may be because the network is congested, the video call program automatically compresses the image file or reduces the image resolution, or you choose the lower video resolution option.

7. For XBOX ONE User

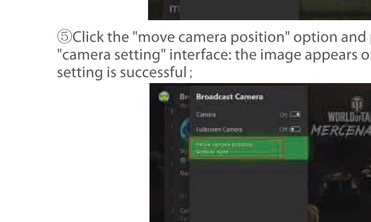
(1)Hardware configuration requirements for XBOX ONE to support live streaming camera:
①XBOX ONE or above ;
②System version : OS version 10.0.18362.2018 or above ;
(2)Setup steps for connecting the camera to the XBOX ONE
①Open XBOX ONE and upgrade XBOX ONE system, and register the account ;
②Enter XBOX ONE, download and install the game, start the game, press the "X" button and log into your account according to the prompts ;
③Press the handle "X" key to enter the home page, select "broadcast and capture", and press the handle "A" key to enter the "broadcast Settings" option ;



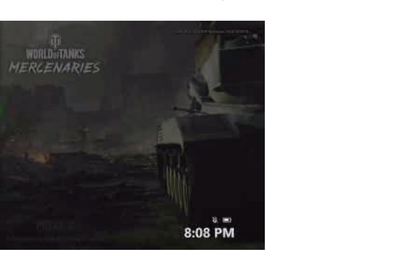
④Press the handle "A" key to enter the "broadcast" interface, select " Broadcast and Capture">"Broadcast">set "Chat", "Microphone", "Camera" to "ON". For full-screen display Settings, select "full-screen camera" as "on". (it is recommended to turn off "full screen" if the low configuration of the XBOX ONE may cause image splurge) ;



⑤Click the "move camera position" option and press the handle "A" key to enter the "camera setting" interface: the image appears on the main interface, that is, the camera setting is successful ;



⑥In the "select camera input position", set the camera position ;
⑦Press the handle "B" key twice to return to the "broadcast" interface ;



⑧Select " Start broadcast" to start your live game.

How to Add Your Webcam in OBS

After connecting your webcam to your computer, follow these steps to add it to OBS:
1.Install OBS:
Visit the official OBS website https://obsproject.com to download and install OBS software.
2.Launch OBS:
Once installed, open the OBS software.
3.Add Video Source:
In the "Sources" section of the OBS window, click the "+" button at the bottom left, and select "Video Capture Device".
4.Select Webcam Device:
In the pop-up window, name the new source (e.g., "Webcam") and click "OK". You'll see a list of devices—select your connected webcam (it should appear in the list if the webcam is recognized by the system).

5.Configure Webcam:
After selecting your webcam, click "OK". You can now resize and position the webcam video in OBS as needed.
6.Adjust Settings:
You can click the gear icon on the video capture source to adjust the webcam's resolution, frame rate, and other settings (such as exposure, contrast, etc.).
You can also apply filters to your webcam, such as background blur or color adjustments.

Choose Output Settings

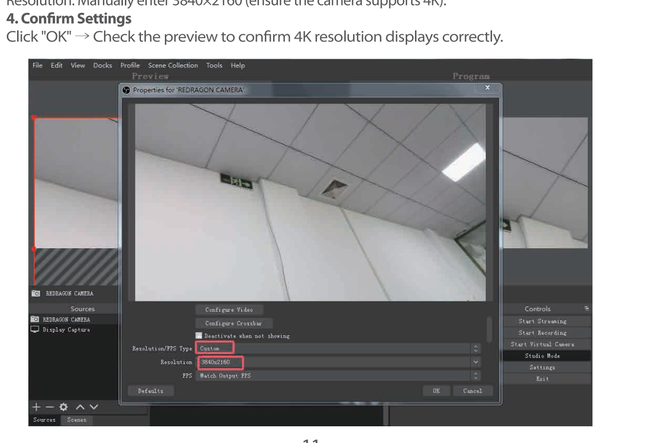
To ensure good video quality for recording or live streaming, you can adjust OBS's output settings.
1.Set Video Quality:
In the main OBS interface, click the "Settings" button at the bottom right to open the settings page.
Select the "Output" tab. Here, you can set the video encoding format, bitrate, resolution, etc.
If you're live streaming, select "Streaming" output. If you're recording, select "Recording" output.
2.Set Audio:
In the "Audio" tab, ensure your microphone and webcam's audio settings are configured correctly.

Start Recording or Streaming

Once configured, you can start recording or streaming:
To Record Video:
Click the "Start Recording" button at the bottom right, and OBS will begin recording video from your webcam.
To Start Streaming:
In the settings, input the stream key from your streaming platform (e.g., YouTube, Twitch).
After completing the settings, click the "Start Streaming" button to begin streaming.

How to Set Up 4K Camera Capture (3840×2160) in OBS

1. Open OBS
Launch OBS Studio.
2. Add a Video Capture Device
In the Sources panel, click + → Select "Video Capture Device" → Name it and click "OK."
3. Configure Device Properties
In the pop-up window:
Device: Select your 4K camera (REDRAGON CAMERA).
Resolution/FPS Type: Choose "Custom."
Resolution: Manually enter 3840×2160 (ensure the camera supports 4K).
4. Confirm Settings
Click "OK" → Check the preview to confirm 4K resolution displays correctly.



Camera Resolution Settings

Please note that in Windows, the camera resolution cannot be adjusted directly through Settings > Bluetooth & devices > Cameras. This menu only allows for basic device management, not image quality adjustments.
To adjust camera resolution and other detailed parameters (such as brightness, contrast, frame rate, etc.), please follow the steps below:

1. Click the Search bar in the taskbar (or press the Windows key on your keyboard).
2. Type "Camera" and select the Camera App from the search results.
3. Once the Camera App opens, click the gear icon (Settings) in the top left or top right corner (depending on your Windows version).
4. Scroll down to "Video settings" or "Photo settings", where you can change the resolution, aspect ratio, and other details.

We recommend using the Camera App for any resolution or quality adjustments.