

Should You Buy The Logitech C920 Or C922?

Are you out in search of the best webcam there is? If you do some research on the best budget webcams, Logitech will surely pop up. However, one more final decision is to be made. Should you buy the C920 or C922?

What are the different aspects of the two types of webcams? Both have outstanding video quality. Yet you're indecisive and have no clue which webcam to pick and purchase.

If you are caught up in this confusion, you've landed at the right place! This article will compare and review both of the webcam models and give a verdict of which one is better.

By the end of the article, we will also answer three of the most frequently asked questions in detail.

Specifications of Both C920 and C922

To kick off the comparison, it is worth noting that both webcams are made for content creation or streaming. Logitech C920 provides a Full HD, five-element glass lens that captures sharp and clear images.

Logitech C922 provides low-light correction, a glass lens that captures sharp and clear images.

Model	Logitech C920	Logitech C922
Highest resolution	1080P	1080P

FPS	30 FPS at 1080p/720p	30 FPS at 1080p or 60 FPS at 720p
Field of view	78 Degrees	78 Degrees
Background removal	No	Requires a 3rd party software
Overall	Best Budget	Better Firmware

Now that we have listed each webcam's specification in the table, let's break down the quite clear difference we got between both products,

Logitech C920 and C922 both consist of the same hardware and sensor. That implies no profound difference will be visible either in the change of colors or the focus between both webcams.

Next is the top resolution, which both C920 and C922 can reach 1080p at 30 FPS. Yet, the C922 has an advantage over the C920 when it comes to maximum resolution, which is a better firmware that comes along with C922. The better firmware allows other specific features like capturing 60 FPS at 720p. On top of that, C922 has a better quality in dimmer light qualities than the C920.

Another advantage Logitech C922 has, a more recent firmware update with an added 3rd party software support. You might ask, what does that do? A 3rd party software supports background removal inserted into a newer product with a similar specification.

While in the C920, the Logitech software is an older version that tends not to save your webcam settings on your computer when it restarts.

That explains why you need to reconfigure your settings every time your computer restarts with C920. However, as previously mentioned, C922 has the latest Logitech G Hub program, automatically and correctly saving your settings.



September 9, 2021

What About Streaming?

As a beginner in the streaming world, who might be on a budget, C920 is an excellent video webcam. C920 offers more than enough if you're on a tight budget and cannot afford to add a professional video camera to your budget just yet.

For C920, the familiar and old drivers are still working. So you don't have to be worried about installing the latest and most recent webcam software or driver that Logitech offers.

Overall, it would be a difficult task to convince a beginner at streaming not to buy the C920.

Rather than immediately purchasing a professional video camera, you can start with C920 until you save more money from streaming to buy higher quality gear. This plan could be perfect for you.

The only difference between the Logitech C922 and C920 when it comes to the quality of streaming is that the Logitech C922 can record videos at 60 FPS that adapts well to dimmer light settings.

The Green-Screen/Background Removal Feature

If one of the reasons you decided to buy C922 HD is because you think it offers a green screen feature, you should probably know this first.

The feature is not even included in the webcam. If you want to use this feature, you have to install separate software.

You make risk a lower streaming quality because the green screen/background feature takes up a significant amount of the system resources.

So, if this feature was the reason you were going to purchase Logitech C922 over C920, you might want to rethink this decision.



September 9, 2021

Also, another question asked about both webcams when using them for streaming is the possibility that the webcam can capture 60 FPS at 720p. The Logitech C922's webcam ability to do 60 FPS at 720p is blurry. In addition to that, you must set the webcam's configuration manually to make the webcam do 60 FPS.

However, adjusting the camera settings manually to the 60 FPS option is not too bad for a relatively low price of C922.

Another good news, it was tough to deal with more than a single C920 webcam plugged into your computer. This is due to the drivers being unable to differentiate between the webcams.

The C922 was introduced to work while multiple cameras could be plugged into the computer, eliminating the need to use the Logitech G Hub webcam software.

Frequently Asked Questions

Is 30 FPS Good for Webcam?

To make it simple, fps stands for frames per second. The frame rate can also be defined as the number of different frames your webcam can capture and view within a specific period of time.

Putting all this information together, what is a webcam that has a frame rate of 30 fps? Purchasing a webcam with a frame rate of 30 fps offers you a webcam capable of taking 30 pictures every second.

Nowadays, 30 fps is the bare minimum for webcams. If you can afford to increase your budget, the more expensive webcams can capture up to 120 fps at 1080p.

However, since 120 fps webcams might be unaffordable for some people, purchasing 30 fps or higher webcams can still offer you good quality and non-lagging video.



September 9, 2021

Keep in mind that a webcam with 60 fps doesn't indicate that the webcam can capture 60 frames every second. How, you might ask?

Well, the camera resolution usually decides the quality of the sharpness in the video. As a result, the frame rates depend on the webcam's resolution. For instance, we have two different webcams, one with 60 fps and the other one is 30 fps. So, both webcams work the same. Except for the webcam with 60 fps can capture 60 fps at 720p and capture 30 fps at 1080p.

Also, consider other different reasons that influence your webcam's frame rate. These factors include your webcam's software, the light condition in your recording space, and the speed of your internet connection.

Here are some tips and tricks to improve your webcam's frame rate:

Firstly, you won't be able to take videos at a higher fps than the one installed in the webcam. However, the optimal frame rate happens in bright lighting conditions.

Lighting has a significant impact on the quality of your webcam. A \$50 webcam can offer the same quality as a DSLR camera with the help of great lighting.

Secondly, running several other devices on your computer decreases the efficiency of the frame rate. It is recommended to use USB 3.0 ports for the webcam because they have the highest speeds.

Finally, if you're trying to customize any recording to different conditions or events, for example, if you will be streaming a game night with your friends on Zoom, then you probably shouldn't send high HD videos. Save the high quality and demanding programs on your computer for necessary situations or that matter.

Is Logitech C922 Worth It?

As mentioned previously in the article, the sole purpose of your purchase of C922 was assuming that it has the green screen/background removal feature. Then it might not be worth it because you get that feature from installing a separate software.

However, if you have other reasons for purchasing the Logitech C922, you might be making the right choice. Here's why:

Between the C922 and C920, both are outstanding webcams with fantastic video qualities. However, it might come down to your budget. If you are on a tight budget, get the Logitech C920. If you are able to pay a couple of more bucks, then you should go ahead and purchase the C922.

If your concern is dealing with the Logitech software, many other drivers can help you avoid using the Logitech software. Although, the Logitech software has improved a lot and fixed plenty of issues.

Also, I can't stress this enough, but lighting makes a huge difference. Proper lighting can make the quality of a webcam almost similar to the quality of a DSLR camera.

Is Logitech C922 still the best?

If we are looking at the best option between the Logitech C922 vs. C920, of course, it all comes down to the budget you have in mind.

Still, the features and qualities of the Logitech C922 make it undeniably the clear winner. Take, for instance, as mentioned earlier, the fact that C922 can do 720p/60 fps. In contrast, C920 can provide a maximum of 30 fps regardless of any setting.

Another downside to the C920 is the use of 3rd party software. While it is great to use a 3rd party software to remove your background, it is highly demanding and intensive on your computer. Also, the quality provided is poor, so either way, it is not recommended.