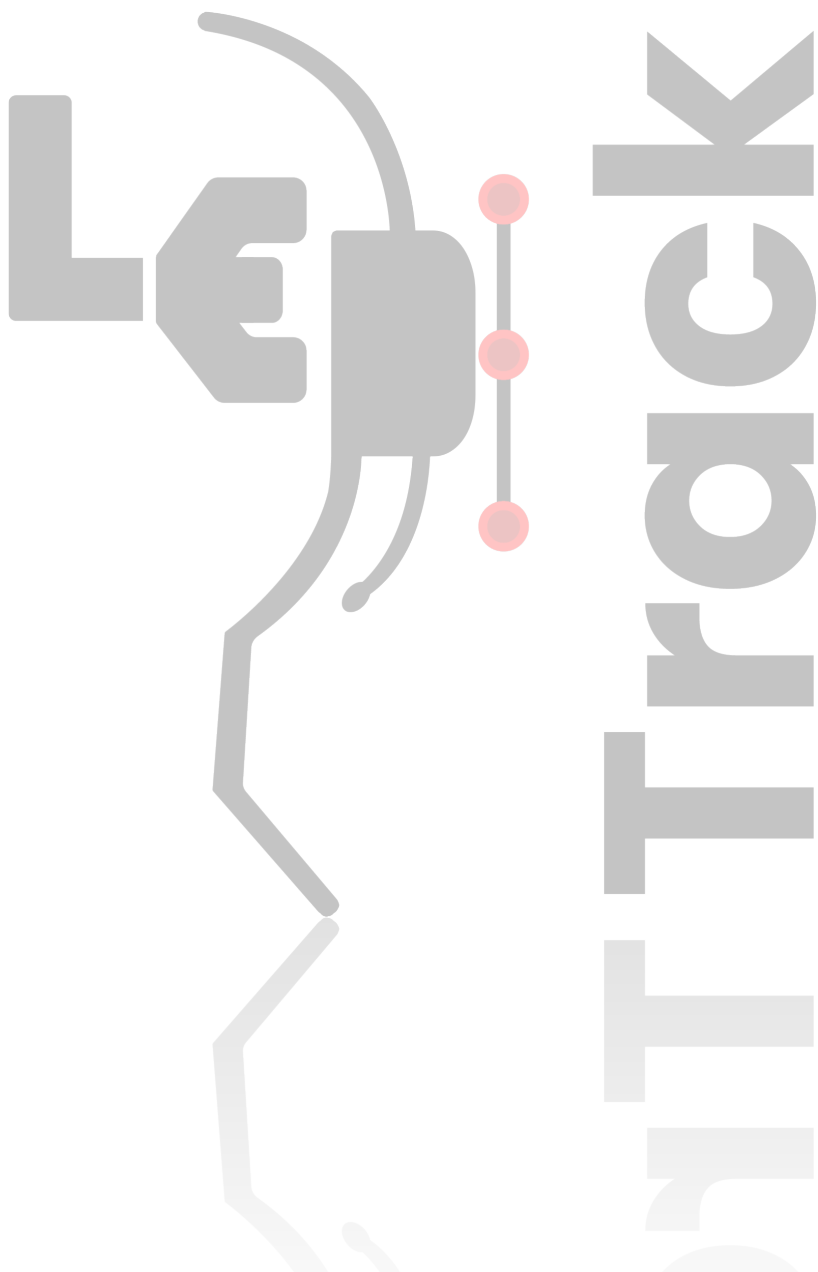


List of Tested Webcams



Below you will find a list of tested webcams and whether they are suitable for headtracking. Their suitability is rated using three levels. Click on a camera name to learn more about that specific model.

"Recommended" indicates webcams capable of delivering excellent tracking and worth purchasing specifically for this purpose.

"Adequate" means the webcam does not achieve optimal performance but is still suitable for headtracking.

An **"Unsuitable"** webcam could not be configured for tracking during testing. This may have been due to limited image filtering options or poor sensor quality.

If your webcam is not listed and you would like to check whether it is suitable for motion tracking, you can install Opentrack by following the [YouTube](#) video tutorial. Then use the same tutorial to verify whether your webcam image settings can be adjusted. If they can, there is a very good chance it will work.

If you are using a webcam that is not yet on the list and would like to help other users, you can send an email to support@ledtrack.eu with the subject „*List of tested webcams*“, along with a short review and a photo of the webcam fitted with the light filter for verification.

Brand and model of the camera	Resolution	Suitable?
Ausdom AW615	1920x1080 (Full HD)	Recommended
Connect IT CCW-2000-BK	1920x1080 (Full HD)	Recommended
C-tech CAM-11FHD	1920x1080 (Full HD)	Adequate
Logitech HD Pro Webcam C920	1920x1080 (Full HD)	Recommended
Niceboy Stream Pro	1920x1080 (Full HD)	Adequate
Powerton Full HD 1080p USB	1920x1080 (Full HD)	Unsuitable
SriHome SH001	1920x1080 (Full HD)	Adequate
Thronmax Stream GO HD	1920x1080 (Full HD)	Recommended

Ausdom AW615

Resolution: 1920x1080p (Full HD)

Frames per second (FPS): 30

Focus: Manual

For headtracking: Recommended



I used this webcam myself for a long time, and it performed exceptionally well. It was easy to configure, provided stable tracking, and delivered smooth in-game head movement. It's a shame that it is no longer available. If you happen to find one second-hand, it is definitely worth picking up.

Connect IT CCW-2000-BK

Resolution: 1920x1080p (Full HD)

Frames per second (FPS): 30

Focus: Manual

For headtracking: Recommended



The camera does not allow adjustment of gamma, white balance, or gain. Despite these limitations, the image can still be darkened effectively, resulting in stable tracking with low latency. The lens cover is a snap-on design and will most likely not fit together with the light filter. Overall, the webcam is well suited for headtracking, and its performance is in line with its price.

C-tech CAM-11FHD

Resolution: 1920x1080p (Full HD)

Frames per second (FPS): 30

Focus: Manual

For headtracking: Adequate



This webcam is designed primarily for use on a desk. When mounted on top of a monitor, it tends to tip forward, although it can be repositioned to stay in place. The focus is adjusted by rotating the lens, but on my unit I was unable to notice any difference. The webcam can be configured for headtracking, but smooth head movement requires a high level of smoothing, which introduces noticeable latency between head movement and the in-game view. This is unlikely to be an issue when flying civilian aircraft, but it is not responsive enough for air combat. If you do not already own this webcam, I recommend choosing one of the recommended models instead.

Logitech HD Pro Webcam C920

Resolution: 1920x1080p (Full HD)

Frames per second (FPS): 30

Focus: Automatic

For headtracking: Recommended



Niceboy Stream Pro

Resolution: 1920x1080p (Full HD)

Frames per second (FPS): 30

Focus: Automatic

For headtracking: Adequate



To achieve reliable tracking, the image must be adjusted to a green tint. Unlike most webcams, darkening the image will cause the tracking points to disappear. The tracking filters also require a higher level of smoothing to achieve stable results. Considering its price, I was surprised by how poorly this webcam performed. I would not recommend buying it, but if you already own one, it is still adequate for casual use.

Powerton Full HD 1080p USB

Resolution: 1920x1080p (Full HD)

Frames per second (FPS): 30

Focus: None

For headtracking: Unsuitable



No filters can be adjusted on this camera, so it is not suitable for headtracking at all.

SriHome SH001

Resolution: 1920x1080p (Full HD)

Frames per second (FPS): 30

Focus: None

For headtracking: Adequate



I seriously considered rating this webcam as unsuitable. While adjusting the image settings, it stopped responding and had to be unplugged and reconnected before it would work again. I eventually managed to achieve stable tracking, but smooth in-game head movement required a high level of smoothing, which significantly increased latency. I definitely would not recommend buying this webcam, but if you already own one, it will most likely be usable.

Thronmax Stream GO HD

Resolution: 1920x1080p (Full HD)

Frames per second (FPS): 30

Focus: None

For headtracking: Recommended



The privacy cover is installed with prepared adhesive tape, so you can choose not to install it. The package also includes a small tripod that the webcam can be mounted on. Although the webcam does not allow adjustment of gain or focus, it performs surprisingly well. It can be configured to provide stable tracking and smooth in-game head movement despite these limitations.