

# System requirements for single webcam broadcasts

For events with **Webcam** as the live acquisition source. This article details the system requirements for broadcasting a Live event or recording a Simulated Live event with a single webcam.

To join the Live Studio and moderate or present, your system must meet the following minimum system and hardware requirements. At least 48 hours before the event, [run the system test](#) with the hardware and network you will use on the day of the event.

If you're unable to open the Live Studio, access might be blocked by a firewall or your company network security rules. Review our [network requirements](#) and make sure the ports and IP ranges in the Webcast Presenters - Video Events column are permitted. If you're unsure of your settings, contact your IT Administrator.

## Live Studio Requirements

If you're joining the Live Studio as a moderator or presenter, your system must meet the following requirements.

| What you need    | Moderators and Presenters   |
|------------------|---|
| Hardware         | PC or Mac<br><b>Note:</b> Your computer must be plugged in and have a sound card with speakers and a monitor with 1024x768+ resolution support. |
| Operating System | <ul style="list-style-type: none"><li>• Windows 10</li><li>• Windows 8.1 Pro or newer</li><li>• macOS 10.14 or newer</li></ul>                  |
| Processor (CPU)  | Intel Core i5 3.0GHz or better<br><b>Note:</b> Less powerful processors will degrade audio and video performance.                               |
| Memory (RAM)     | 4 GB  |

| What you need  | Moderators and Presenters   |
|----------------|---|
| Browser        | <p>Current or previous 5 versions of:</p> <ul style="list-style-type: none"> <li>• Google Chrome</li> <li>• Firefox</li> <li>• Microsoft Edge</li> </ul>  |
| Internet Speed | <p>A dedicated and wired high-speed internet connection of 3 Mbps or better (upload and download).</p> <p><b>Note:</b> To ensure a stable connection, disconnect from the VPN and use a wired internet connection, instead of Wi-Fi. Wi-Fi connections are prone to dips in bandwidth that can negatively impact your video connection.</p> |

## Broadcasting Requirements

For the best audio and video quality, we recommend that presenters use a:

- High quality webcam (for example, Logitech C920) or HD webcast camera
- Headset or webcam mic with built-in noise cancellation. Do not use your computer or webcam's built-in microphone.

When you join the Live Studio, you must grant it access to your mic and camera to connect your audio and video.

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