LOGITECH HD PRO WEBCAM C920

DESCRIPTION

This high quality webcam has a glass lens and a 1080p HD sensor. It records at 30 frames per second and its features include digital zoom, manual and automatic focus & exposure plus technology to help keep your video bright and colourful. Unlike other webcams it provides MJPEG encoded video which can be recorded by Dartfish Software.

PROS

- Good video quality (up to 1080p)
- USB 2.0 connection so no need for additional power
- Attaches to any tripod
- Two webcams can be easily used to benefit from dual camera input in InTheAction

CONS

- Lacks the features of a camcorder e.g. limited digital zoom only
- 30 frames per second rather than 50 or 60

INSTALLATION

Simply connect your webcam to a USB port and Windows will automatically install the necessary driver.
IMPORTANT It is not necessary to install any Logitech drivers or software to use the C920. We recommend that you don't.

Optimal camera settings

When the camera is selected, various settings buttons appear:

Click the **configure format** button to configure these recommended video settings:
Frame Rate: 30.000
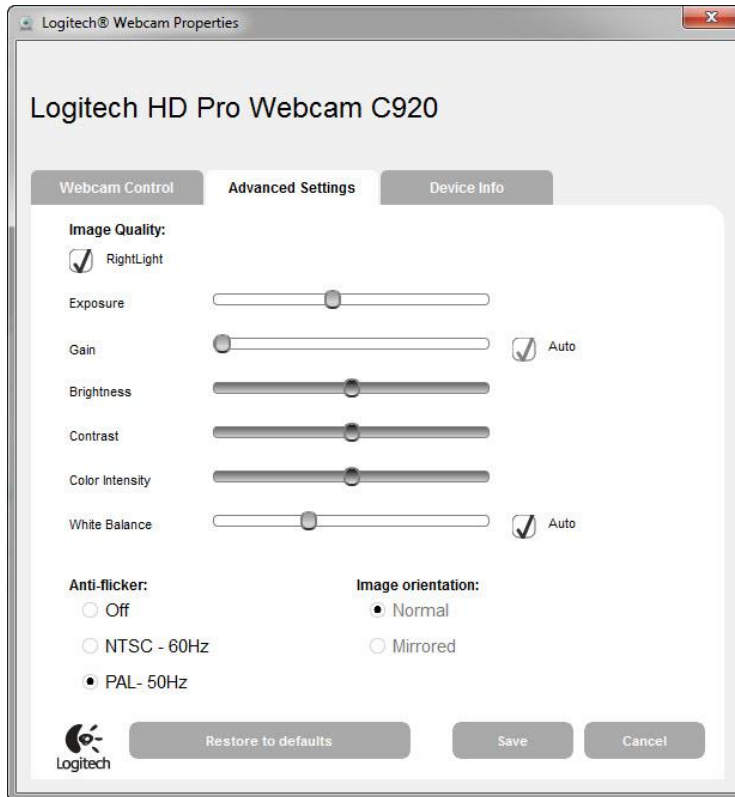*Color Space / Compression: MJPG*
Output Size: 1280 x 720

USEFUL TIPS

- If recording from two webcams, connect each to a different USB port on your computer – do not use a USB hub
- If using USB extension cables we recommend top quality **ACTIVE** extension cables (e.g. www.lindy.com); these feature built-in electronics which regenerate the USB signal.

⊕ Click the **Configure device** button to configure the best image for video analysis

Set **Exposure** to reduce motion blur.

Zoom and focus can also be configured here

To prevent flicker under artificial light, set the **Powerline frequency** to the AC frequency of the power supply for your country (e.g. US = 60 Hz, EU = 50Hz)

EXAMPLE OF USE CASES

These are an inexpensive and easy solution for static uses like bike fitting or gait analysis.

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