



Leica FireCam

Release Notes V 3.4.1

Leica
MICROSYSTEMS

Leica FireCam

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Abstract

This document describes the V 3.4.1 release of Leica FireCam software for Apple Mac Intel or PowerPC computers.

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1 Introduction

This release supports the following Leica cameras and microscopes.

You should read this document before installing your copy of this software.

- DFC280
- DFC290
- DFC295
- DFC320
- DFC300 FX
- DFC310 FX
- DFC340 FX
- DFC350 FX
- DFC360 FX
- DFC420
- DFC420 C
- DFC480 R2
- DFC490
- IC D
- IC 3D
- DFC500
- EC3
- EZ4 D Stereomicroscope

Please identify the type of camera or microscope that you are using before installing the software from this release.

If in doubt, check for the software specific to your equipment at the Leica Microsystems websites:

www.leica-microsystems.com/camera_systems

(for Leica DFC cameras)

or

www.leica-microsystems.com/education

(for Leica EZ4 D stereomicroscopes & EC3 cameras)

2 Installation

Installation and operation of the software is detailed in the Leica FireCam User Manual and Leica FireCam Help. The manual can also be found on the CD.

Upon inserting the CD into your computer you should be presented with options to install the software or browse to the supporting documentation on the CD.

3 Reason for this Release

This version releases new functionality and maintenance that has taken place since the release of version v3.4.0.

In particular, it fixes an issue with the Leica DFC480 R2 camera.

4 System Requirements

4.1 Operating System

Supported MacOS operating systems (32-bit & 64-bit):

10.4 (Tiger) or later.

Please use the latest updates. (Please see the [limitations.](#))

(contact <http://www.apple.com> for updating your system)

You may need Administrative rights for installation.

4.2 Computer

The recommended computer specification is as follows:

- G4 PowerPC or Intel processor 1Ghz Mac, with 512 Mb RAM.
- Graphics: 128Mb RAM supporting 32 bit.
- 4-pin or 6-pin or 9-pin FireWire Port for all Leica DFC cameras,
- USB 2.0 port (for EC3 camera or EZ4 D microscope)
- CD-ROM drive or internet connection for download.

Please Note:

Faster processors, additional RAM memory and more advanced graphics adapters may improve the performance of Leica FireCam. Running other programs at the same time may limit performance.

5 Changes in This Release

5.1 Fixes in 3.4.1

Leica DFC480 R2: Some Full Frame HQ images were captured as a bluish image. This is fixed.

Leica DFC480 R2: The live image sometimes froze when adjusting the exposure with up/down arrow buttons. This is fixed.

6 Changes in Previous Releases

6.1 Features in 3.4.0

Leica DFC295: This version introduces support for the DFC295. This camera has a 1394b (800 Mb/s) FireWire connector, but can run on an existing 1394a port with an A->B cable.

6.2 Fixes in 3.4.0

Leica EC3: In faster versions of MacBook Pro and Air, white balance sometimes produced a greenish color. This has been fixed with the ability to override the factory settings. See [Known limitations](#).

6.3 Fixes in 3.3.1

Leica EC3: After capture, the frame rates sometimes slowed when used on Mac OS v10.5 (Leopard). This is fixed.

6.4 Features in 3.3.0

Leica DFC310 FX: This version introduces support for DFC310FX. This camera has a 1394b (800 Mb/s) FireWire connector, but can run on an existing 1394a port with an A->B cable.

6.5 Features in 3.2.0

Leica DFC360 FX: This version introduces support for DFC360FX. This camera has a 1394b (800 Mb/s) FireWire connector, but can run on an existing 1394a port with an A->B cable.

64-bit: Mac OS 64-bit is supported.

10.3 (Panther): This operating system is no longer supported.

6.6 Fixes in 3.2.0

Histogram: Fixed gaps in the display.

JPEG & PNG file format: Fixed rotate and flip.

Auto-exposure: This was not refreshed upon recalling from a saved setting. This is fixed.

Output Filename: This was not recalled from a saved setting. This is fixed.

Leica DFC300/350 FX: Supports early models of this camera.

6.7 Features in 3.1.0

External Editor: Provides an option to open images automatically in an external editor after capture.

Supports Full Screen mode.

6.8 Features in 3.0.1

FireCam now supports Leica DFC500 cameras on computers with Intel processors. Please see the [limitations](#).

6.9 Features in 3.0.0

FireCam now supports Leica DFC cameras on computers with Intel processors.

Introduces support for Leica DFC290 and Leica DFC420 C cameras.

6.10 Features in 2.0.1

FireCam now supports computers with Intel processors.

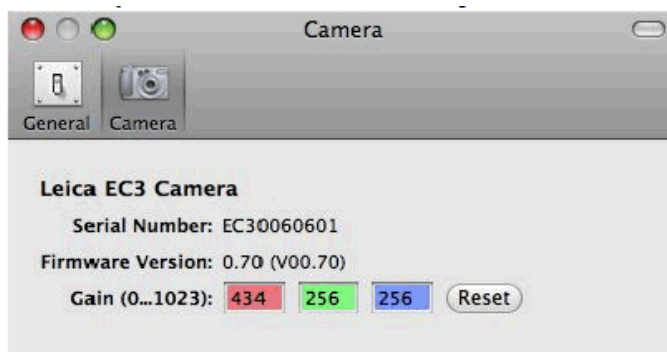
6.11 Features in 2.0.0

This is the first release of the software for Leica EZ4 D Stereomicroscopes.

7 Known Limitations

7.1 EC3

Some faster versions of MacBook Pro and Air may produce a white balance that is green. In this case, the EC3 factory color settings can be overridden with the following adjustment in FireCam>Preferences>Camera:



If the color balance is too green, reduce the value in the green edit box, or increase the values in the red and/or blue boxes. Similarly adjust the colors of the other values if necessary. You can press Reset to return existing values.

7.2 USB1

USB 1.0 or 1.1 (Standard USB) are not supported in Leica FireCam. Your computer must support USB 2.0 (High-Speed USB) to use the Leica EZ4 D or Leica EC3 correctly.

7.3 MacOS 10.4.8 (Tiger)

The Leica DFC500 does not operate in this specific version of Mac OS. Use 10.4.9 or higher.

7.4 Older Leica DFC cameras

The following Leica cameras are not supported:

DFC480 R1
DFC300/F
DFC350F
DC500

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