



# Leica DFC Camera for Apple Macintosh

**Leica FireCam V1.6.0  
Release Notes**

*Leica*  
MICROSYSTEMS

# Leica DFC Camera for Mac CD

## FireCam Release Notes V1.6.0

### Abstract

This document describes the V1.6.0 release of the Leica Digital Camera Software for Apple Macintosh Computers. You should read this document before installing your copy of this CD.

The Leica DFC Camera for Mac CD includes Leica FireCam software for cameras using the FireWire interface for DFC and DC500 Cameras.

A User Manual document is on the CD.

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# 1 Introduction

This document describes the V1.6.0 release of the Leica FireCam software. This software is used to control the Leica DC500 and Leica DFC range of digital cameras with a FireWire interface on Apple Macintosh Computers.

For installation information you should refer to the Leica DFC FireCam Mac Manual supplied with this software.

The purpose of this release is to support the following Leica DFC and DC FireWire Cameras:

- DFC280
- DFC320
- DFC320 R2
- DFC300
- DFC300F
- DFC350F
- DFC300FX
- DFC300FX R2
- DFC350FX
- DFC350FX R2
- DFC480
- DFC480 R2
- DC500

These cameras use the IEEE1394 FireWire interface. The installation program for Leica FireCam is on this disc. The software on this CD does not support these cameras on the Windows platform; for this software please refer to the CD named Leica DFC Camera CD for Windows.

The following software version is included on this CD:

Leica FireCam for Mac – V1.6.0

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

## 2 Reason for this Release

The version is intended to release additional functionality and maintenance work that has taken place since the release of version V1.5.0 of the Leica DFC Camera CD.




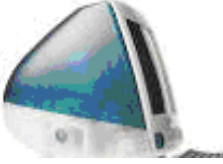


### 3 System Requirements

The minimum operating system is Mac OSX version 10.2.





The recommended Mac specification is as follows:

G4 processor, 1GHz, 512MB RAM,  
 24 Bit graphics, 1024 x 768,  
 CD-ROM drive,  
 4-pin or 6-pin FireWire OHCI  
 or free PCI slot.

### 4 Computer Compatibility

Model	DC500	DFC Cameras
 iBook	Yes	Yes
 Titanium G4 Powerbook	Yes	May not work on early models
 Aluminium G4 Powerbook	Yes	Yes
 Original iMac	No	No
 eMac	May work	May work
 Flat Panel iMac	Yes	Yes

Contd...

Model	DC500	DFC Cameras
 <p>G3 Tower</p>	No	No
 <p>Graphite G4 Tower</p>	Works on later models with AGP graphics cards, but may not work on early models with PCI cards	Works on later models with AGP graphics cards, but may not work on early models with PCI cards
 <p>Silver G4 Tower</p>	Yes	Yes
 <p>G5 Tower</p>	Yes	Yes

## 5 Changes in This Release

### 5.1 New Features in V1.6.0

Shading is available for monochrome cameras, DFC350 F & DFC350 FX.

The live image can now be cleared easily of the eyedropper icon after a manual white balance.

Added facility to turn on or off white balance using a whole image or a new or existing ROI in the automatic options dialog.

### 5.2 Fixes in V1.6.0

Some newer cameras with firmware 1.6.5, noticeable in the DFC280 and DFC480, periodically lost the live image. A firmware update fixes this problem.

Some versions of OS 10.2 showed an error when choosing the install destination hard drive. This is now fixed.

Loaded camera settings sometimes drew in front of the color wheel. This is now fixed.

Some center area live images were not set correctly and were corrupt. This is now fixed.

## 6 Changes in Previous Releases

### 6.1 Features in V1.5.0

Support for Leica DFC320 R2, DFC300FX R2, DFC350FX R2 and DFC480 R2 cameras.

Shading references available for all Leica DFC camera models, except DFC350F and 350FX.

### 6.2 Features in V1.4.0

Shading references (black ref and white ref) available for Leica DFC280 and 320 cameras.

Choice of live image resolutions for Leica DFC320.

Saturation slider control range increased from between 0 – 100% to between 0 – 300%.

Monochrome supported.

Leica DC500 compatible with OS 10.3.

Fixed - The Colour Wheel partially obscured by the Custom list.

Fixed - Attempting to load files that are not settings files caused FireCam to crash.

Fixed - Maximize button resized FireCam window beyond the monitor screen size.

Fixed - Erratic Gain slider behaviour in Leica DFC320.

Fixed - DFC320: With exposures greater than 2 seconds the colours in Full Frame mode were corrupted in live and captured images.

Fixed – In the histogram edit boxes, the numbers entered could be outside the useful range. For black and white points they are now in the correct range 0 – 255, and for gamma 0 - 10.

### 6.3 Features in V1.3.0

The first release supporting the new Leica DFC280, 320 and 480 cameras on the Mac.

## 7 Known Limitations

### 7.1 General Limitations

OSX 10.1 and OS 9 are not supported.

DFC camera performance depends on the specification of the Mac used and 1GHz or greater is recommended.

Some computers have FireWire connectors that do not carry power and therefore need additional power to be carried to the FireWire camera. Bright coloured original iMacs and G3 towers are unlikely to have OHCI compliant FireWire. You may be able to install an OHCI FireWire PCI card in a tower but not in an iMac. Ibooks & G4 towers (Grey or White or Silver) are generally compatible. See the Computer Compatibility table above.

## 7.2 Known Bugs

Active cooling on all Leica DFC cameras is always on.

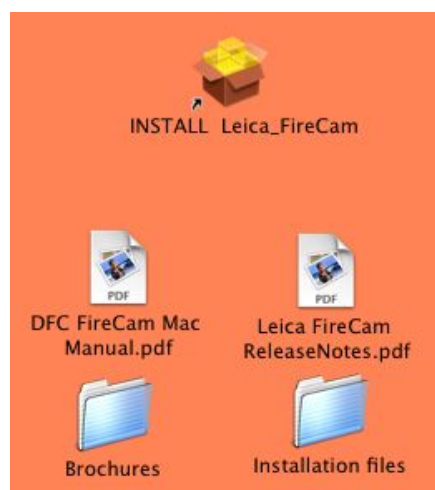
# 8 Installation

Installation and operation of the software is detailed in your user manual found on the CD.

1. Insert the FireCam CD into the CD-Rom drive of your computer. When the Leica FireCam CD appears on the desktop double-click the icon to see the contents of the CD.



2. To install double-click on the Install Leica\_FireCam icon and follow the instructions.





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