

From Eye to Insight



Leica Acquire
Release Notes V 3.3.0

Leica Acquire

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Abstract

This document describes the V3.3.0 release of Leica Acquire software for Apple Mac computers.

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1 Introduction

This document describes the V 3.3.0 release of the Leica Acquire software for Leica educational microscopes and cameras. You should read this document before installing your copy of this software.

This release installs and runs on an Apple Mac notebook or desktop computer with an Intel processor.

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 website:

www.leica-microsystems.com/education

2 Installation

The latest Leica Acquire software is available in the online Apple iTunes store website.

<https://itunes.apple.com/app/leica-acquire/id733706983>

Operation of the software is detailed in the Leica Acquire User Manual and Leica Acquire Help.

3 Reason for this Release

This version is for new features and maintenance work that has taken place since the release of version V3.2.0 of Leica Acquire.

In particular, this version adds support for the new cameras Leica IC90 E, network RTSP streaming for connected USB cameras and auto updating of calibration information for DMS 1000.

4 Supported Microscopes and Cameras

The following Leica microscopes and digital cameras are supported.

Microscopes	Cameras
EZ4 D, EZ4 HD, EZ4 W, EZ4 E	EC3, EC4
DMS300, DMS1000	ICC50, ICC50 HD, ICC50 W, ICC50 E
	IC80 H, IC90 E
	MC120 HD, MC170 HD, MC 190 HD

5 System Requirements

5.1 Operating System

Supported Mac OS operating systems (32-bit & 64-bit):

10.9 or later

Please use the latest updates

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

5.2 Computer

The recommended computer specification is as follows:

- Processor: Intel Core i-series or Intel Core-Duo at 2 GHz or faster
- Memory: 2GB RAM
- Graphics: 256MB RAM supporting 32 bit
- USB 2.0 or USB 3.0 port
- DVD drive, or internet connection for download

Please Note:

Faster processors, additional RAM memory and more advanced graphics adapters may improve the performance of Leica Acquire.

Running other programs at the same time may limit performance.

6 Changes in This Release

6.1 Features in V3.3.0

Support for new Leica IC90 E camera via Ethernet & USB.

Support auto updating of calibration information for DMS 1000.

Support network RTSP streaming for connected USB cameras.

Support camera control, live streaming, imaging acquiring, sharing with Leica AirLab(<https://itunes.apple.com/us/app/leica-airlab/id979465393>) for connected USB cameras.

Support both color & greyscale mode for supported cameras.

Support Full HD live preview for supported cameras.

Support capture resolution list filtering based on live resolution ratio.

Support discovering network cameras across different subnet by typing IP address manually.

7 Changes in Previous Releases

7.1 Features in V3.2.0

Support for new Leica MC190 HD and EC4 cameras via USB.

Support for new Leica EZ4 E microscope and ICC50 E camera via Ethernet & USB.

Restore some removed menu items.

7.2 Features in V3.1.0

Support for new ICC50 W camera via Ethernet/WiFi & USB.

Support for new Leica EZ4 W microscope via Ethernet/WiFi & USB.

7.3 Features in V3.0.0

Support for new ICC50 W camera via Ethernet/WiFi.

Support for new Leica EZ4 W microscope via Ethernet/WiFi.

7.4 Features in V2.1.0

Release to Apple online ITune Store.

New feature for moving recording and playing back.

7.5 Features in V2.0.0

Support for new Leica MC120 HD and MC170 HD cameras.

Support for new Leica DMS300 and DMS1000 microscopes.

New feature for drawing measured calibration on the live and captured image.

7.6 Features in V1.0.0

This is the first release of the software for Leica Educational cameras and stereomicroscopes.

8 Known Limitations

8.1 USB1

USB 1.0 or 1.1 (Standard USB) are not supported in Leica Acquire.
Your computer must support USB2 (High-Speed USB) or USB3 (Super-Speed USB) to use the microscope or camera correctly.

Connect them to a USB2/USB3 ports located directly on your computer, and not to keyboard or screen USB hubs, as these hubs are not always High-Speed USB2 ports.