ZEISS Labscope

Your Imaging Software for Digital Classrooms and Routine Laboratory Work

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Labscope is your easy-to-use imaging software for connected microscopy. Be it for the laboratory, university, school or even your hobby – it's easier than ever before to snap images, record videos and measure your microscopic samples. Labscope transforms your ZEISS network-compatible microscopes into a WiFi-enabled imaging system.

You can easily create digital classrooms or digital labs – just connect to any of the microscopes at any point in time and from anywhere in your room. Explore the advantages of an interactive learning atmosphere where you can engage your students fully and enthuse them with the content of your lessons.
You don't need to invest in parallel IT-equipment for your sequential processes. Control your cell laboratory microscopes with a connected iPad, iPhone or Windows PC, store images by workplace and observe cell cultures comfortably from your office. Then share your images – at the touch of a finger.

Whether you use a Windows PC, iPad or iPhone, you will enjoy the same consistent GUI, with the same look, feel and user experience: no training required. It's never been so simple and efficient until now.

Simpler. More Intelligent. More Integrated.

Enjoy Connected Microscopy

In both education and routine laboratory work, connectivity is a core feature, offering you control, remote observation and the use of mobile devices to observe and share. With Labscope you can transform your student lab via a WiFi-enabled network into a digital classroom. Labscope lets you display all the live images from all the connected microscopes at any time and from anywhere in the room. Observe how your students are doing in real-time. Project images from any microscope onto the wall or a TV screen. Discuss what students are seeing with the whole class. As you move freely around the room, 'lecture & listen' becomes 'show & see'.

Simple. Imaging. App.

Whether you're using a traditional Windows PC with mouse and keyboard, a Windows tablet with touchscreen, an iPad, or even an iPhone – we've got you covered. Labscope runs on all of these devices, and it has been tuned to each of them to provide the best possible user experience – whether on a small touchscreen or a large monitor. Labscope leverages network technology to switch effortlessly between microscopes and get real-time thumbnails of all microscopes in the room. But if you're just looking for an easy-to-use, single-microscope imaging solution, you can skip the network and connect your ZEISS microscope to any Windows computer via a USB cable.

Powerful Features with Every Touch

Labscope is the optimal choice for your digital classroom or lab. You can access cameras from multiple microscopes simultaneously from just one device. Get your students measuring, annotating and documenting their results by making it easy to snap images or record videos. Save your images in the ZEN-compatible .czi file format, which includes all metadata and a separate annotation layer – or select the .jpg format to save space. Use the integrated pointer to lead your students to areas of interest. Let them do their hand drawings with the drawing function. Labscope works easily by touch and gesture control, independently if you use it on your iPad or PC.

Your Insight into the Technology Behind It

To connect a WiFi-enabled network that spans the whole classroom, use Labscope-ready ZEISS microscopes such as Primo Star HDcam, Primotech, Primovert HDcam or Stemi 305 cam – or any other microscope in combination with the Axiocam ERc 5s microscope camera.

Document and archive your results.
And share the images in your digital network. It is full of possibilities.
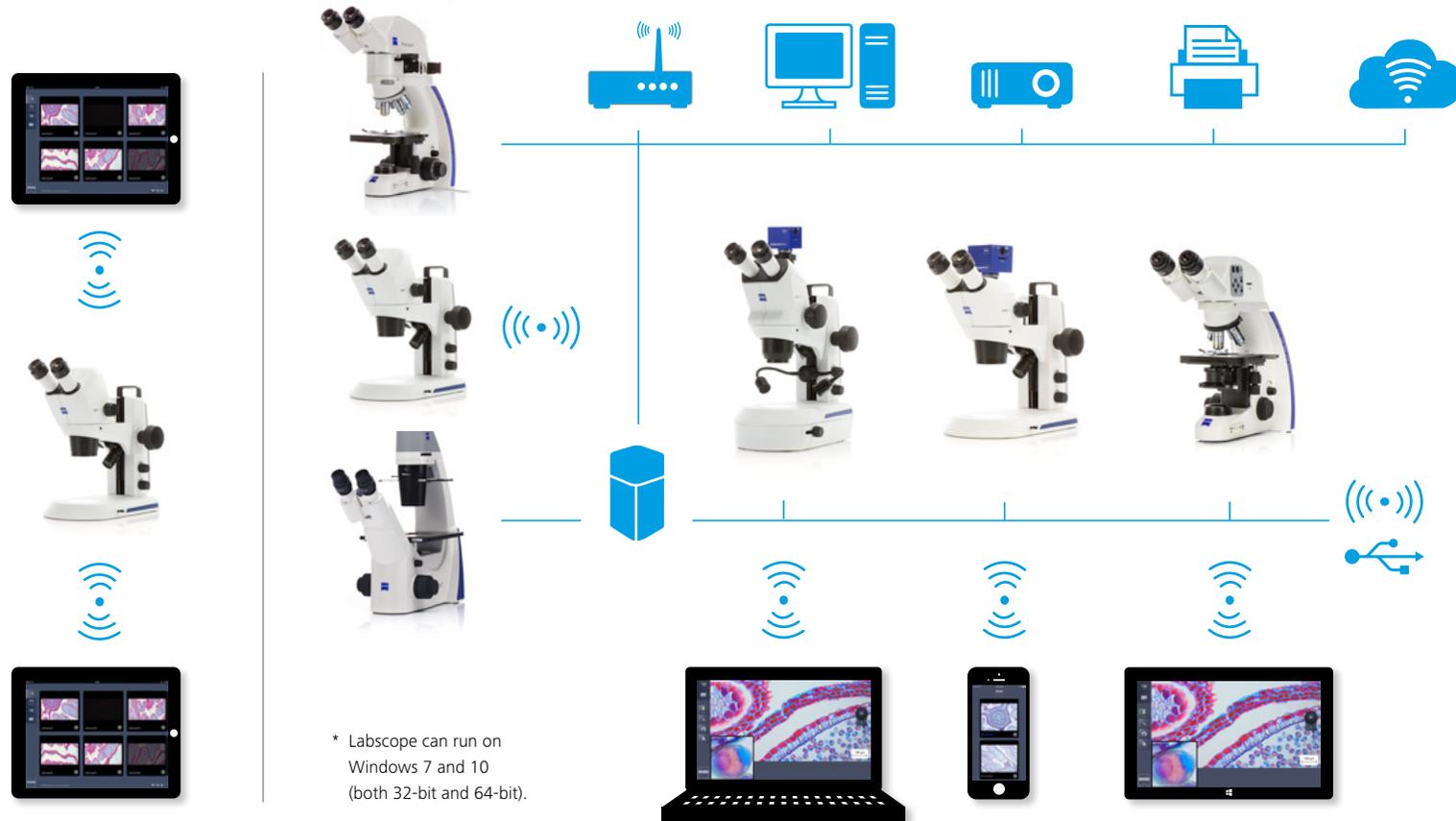
*   Labscope can run on
    Windows 7 and 10
    (both 32-bit and 64-bit).

ZEISS Labscope at Work

Digital imaging applications:

- Educational / teaching facilities
- Histopathology
- Cytology
- Hematology
- Parasitology

- Microbiology
- Environmental studies
- Food / beverage control
- Cell laboratories
- Sample preparation

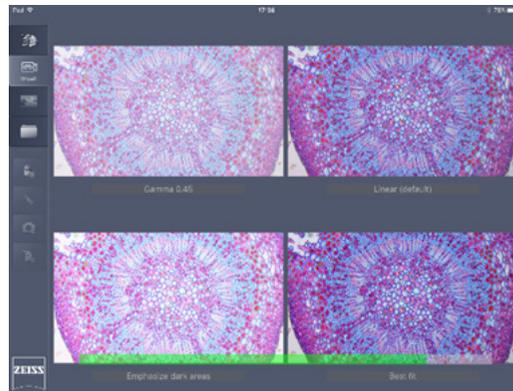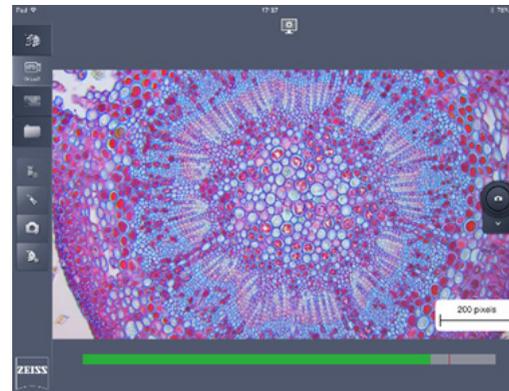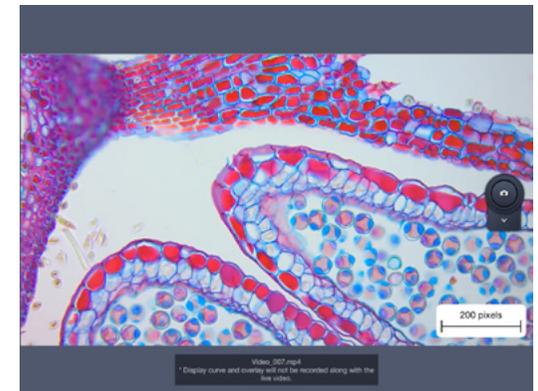- IVF documentation
- Quality control
- Microphotography

Image observation in parallel

Focus indicator

Video recording

Annotation & Measurement
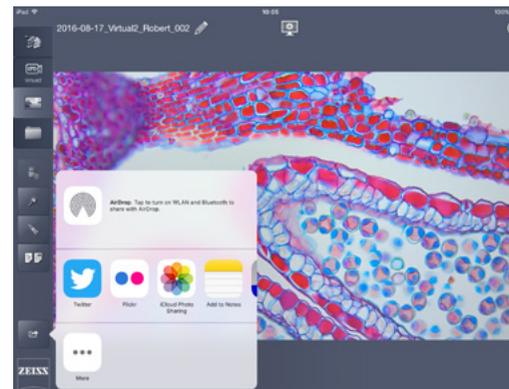
Share
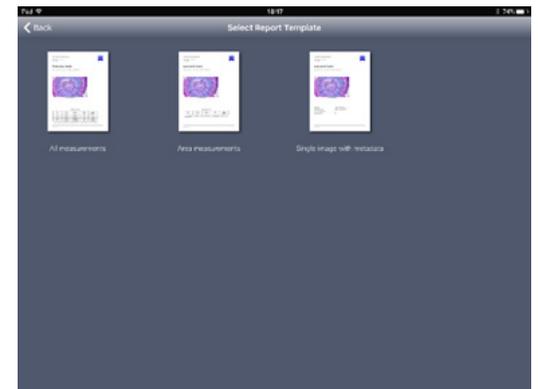
Report generation

ZEISS Labscope at Work

Enjoy these benefits as an educator in your digital classroom:

- Motivate students to work on your lessons content by using digital devices.
- Monitor all student microscopes from your iPad or iPhone while you move around the classroom.
- Give individual support, e.g. pick a student's image to view on the projector and explain it to all.
- Share live streams, images and videos online.
- Download Labscope free in the App Store.
- No training course is required for Labscope.

Digital classrooms enable you to provide a **personalized learning atmosphere**.
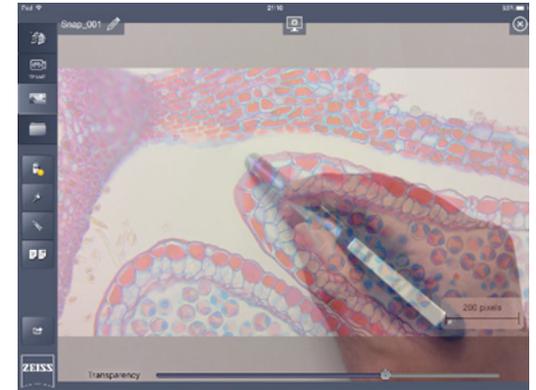
Use your iPad camera as a digital drawing tube.
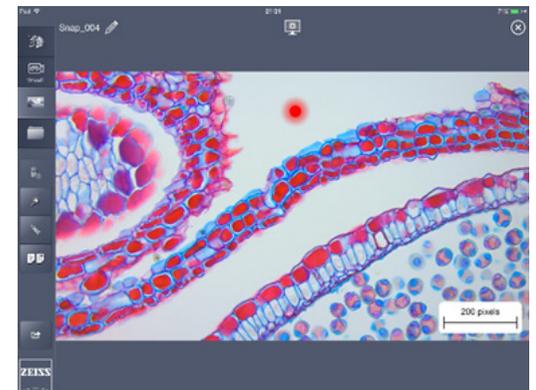
Pointer function

Your Flexible Choice of Components

	Labscope for iPad	Labscope for iPhone	Labscope for Windows
Wireless connection to all microscopes in the network	Wi-Fi	Wi-Fi	Wi-Fi
Wired connection with microscope			USB, Ethernet
Touch and gesture control	●	●	●
Live image observation	●	●	●
Graticule overlay (scaled grid, crosshair, cross with divisions)	●		●
Focus indicator	●		●
Exposure indicator	●		●
Touch magnifier	●	●	●
Image acquisition	●	●	●
Adjust image (brightness, contrast, gamma, color intensity, sharpening)	●		●
Mirror and rotate image	●		●
Annotate image	line, circle, rectangle, arrow, polygon, text	line, arrow, text	line, circle, rectangle, arrow, polygon, text
Measurement	distance, perimeter, area, angle, diameter	distance measurement	distance, perimeter, area, angle, diameter
Live image measurement	●		●
Crop image (rectangle, triangle, circle)	●		
Side-by-side image comparison	●		●
Save image	CZI, JPEG, TIFF	JPEG	CZI, JPEG, TIFF
Share image via email and social network	●		●
Upload image onto file server	●		●
File name template	●		●
Report generation	●		●
Record video	●		●
Timelapse recording	●		●
Pointer function	●		●
Drawing tube	●		●
Shading correction	●		●
Manual scale calibration	●		●
Auto configuration with QR code	●		●
Lock configuration	●		●

● functions available

Technical Specifications

Application Information:

Seller	Carl Zeiss AG
Category	Education, Documentation, Microphotography
Compatible ZEISS microscopes	Primo Star HDcam, Primotech, Primovert HDcam, Stemi 305 cam, Axiocam ERc 5s
Languages	English, Czech, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish

System Requirements:

ZEISS Labscope for iPad	ZEISS Labscope for iPhone	ZEISS Labscope for Windows	
iPad Pro	iPhone 7	Minimum:	i3 dual core CPU
iPad Air 2	iPhone 7 Plus		2G RAM
iPad Air	iPhone 6s		Display with 1027×768 (XVGA) resolution
iPad (4th generation)	iPhone 6s Plus		
iPad mini 4	iPhone 6	Recommended:	
iPad mini 3	iPhone 6 Plus		i5 dual core CPU
	iPhone SE		4 GB RAM
	iPhone 5s		Display with 1920×1080 (Full HD) resolution
			Touch support
iOS 9, 10 or above	iOS 9, 10 or above	Windows 7, 10 – 32 bit or 64 bit	
		At least one of the following connectivity:	
			Gigabit Ethernet
			802.11n/ac compatible wireless network adapter
			USB 2.0/3.0 interface

Count on Service in the True Sense of the Word

In-app Help System Integrated in ZEISS Labscope

There is an in-app help system integrated in both iOS and Windows based Labscope imaging software for you to quickly get guidance on software functions and features. For iOS-based Labscope, each time when you get into a new function interface, there will be an "help overlay" pop up, which contains explanation of the current screen, along with textual descriptions of all user elements that might require explanation. You can always revisit this "help overlay" by activating it in software setting. For Windows-based Labscope, the "help overlay" could also be easily called up by pressing help button at any time.

Your Customer Support: ZEISS Labscope Online Forum

You can always seek support via the Labscope online forum. All posted issues will be checked and answered by ZEISS professionals within shortest time.

Software Updates

Labscope imaging software will be updated and released periodically. You can download the actual versions via the Apple's App Store for iOS-based software and ZEISS Website for Windows-based software.

Profit from the optimized performance of your microscope system with services from ZEISS – now and for years to come.

>> **www.zeiss.com/microservice**

Windows

Download Labscope 2.5 for Windows
Runs on Windows 7 and 10 (both 32-bit and 64-bit)

Download on the App Store

Download Labscope 2.5 for iPhone

Download on the App Store

Download Labscope 2.5 for iPad

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