ZEISS Labscope

Simple. Imaging. App.

Technical Information

ZEISS

Seeing beyond

Modules and Functions

		ZEISS Labscope for Android	ZEISS Labscope for iPhone	ZEISS Labscope for iPad	ZEISS Labscope for Windows
Connections	Wireless	Wi-Fi	Wi-Fi	Wi-Fi	Wi-Fi
	Wired	–	–	Ethernet connection via Lightning or USB-Type-C adapters	USB, Ethernet
Thumbnail of microscope	Live thumbnail with adjustable size	●	●	●	●
Microscope configuration	Objective selection	●	●	●	●
	Shading correction	–	–	●	●
	Configuration lock	●	●	●	●
	Scale calibration	–	–	●	●
	QR code of configuration	●	●	●	–
Acquisition	Single snap	●	●	●	●
	Fast snap	●	●	●	●
	Video recording	●	●	●	●
	Time-lapse	–	–	●	●
	EDF	–	–	●	●
	Multi Channel*	–	–	O	O
	Fast Panorama*	–	–	–	O
	AI Cell Counting*	–	–	O	O
	AI Cell Confluency*	–	–	O	O
Acquisition settings	Exposure, white balance, light intensity	●	●	●	●
	Adjustment of live quality, image orientation, color / grayscale switch, Gamma, denoise, sharpening, pixel correction and HDR	● (Android tablet)	–	●	●
Live assistance	Histogram, graticule overlay, over-exposure indicator, focus indicator and image comparison	– (image comparison)	– (image comparison)	●	●
Annotations	Line, arrow, rectangle, circle, text, count and scale bar	●	●	●	●
	Polygon, polyline, spline contour, spline, angle, disconnected angle, count, caliper and multi calipers	–	–	●	●
	Adjustment of annotations: color and size of line, text and text background	●	●	●	●
Image processing	Histogram, over-exposure indicator, image comparison, multi-channel comparison	– (image comparison)	– (image comparison)	●	●
	Gamma, brightness, contrast, color intensity, sharpness	●	●	●	●
Supported image types	CZI, JPEG, TIFF	●	●	●	●
File management	Different types of file views, sorting, search and sharing	●	●	●	●
	Report with multiple templates	●	–	●	●
Interfaces for external functions	Barcode scanning for configuring a file name or searching a file	–	–	● (iPad camera)	●
	Foot pedal with shortcut setting for snapping	–	–	● (Bluetooth foot pedal)	●
Theme	Dark and light theme	●	●	●	●
Global settings	General settings, default annotation settings, available tools configuration, etc.	●	●	●	●
	Module with licensed modules	–	–	●	●
Digital classroom extensions	Pointer, drawing tube and the connection with the classroom management software Labscope Teacher**.	●	●	●	●
Extensions for iOS functions	Importing and managing Labscope files via Files App; Sharing files via AirDrop	n.a.	●	●	n.a.

● functions available   O optional   – functions not available

The availability of some functions is related with types of cameras and microscopes.

* Licensed modules. Labscope AI modules are not intended for IVD examinations and may only be used in research.

** Labscope Teacher is a licensed software. Please consult your sales representatives for an enquiry, demo and free trial.

Technical Specifications

Application Information:

Seller	Carl Zeiss AG
Category	Education, Documentation, Microphotography, Laboratory, Research and IVD examinations (Labscope for Windows only)
Compatible ZEISS microscopes	Primostar 3, Primostar HD, Primotech (iOS and Windows only), Primovert, Stemi 305 cam, Axioscope 5/7/Vario, Axiolab 5 and Axiovert 5
Compatible ZEISS cameras	Educam 105, Axiocam ERc 5s, Axiocam 202 mono, Axiocam 208 color, Axiocam 203 mono, Axiocam 212 color, Axiocam 105 color (Windows only) and Axiocam 305 mono/color (Windows only)
Languages	English, Czech, French, German, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish

System requirements	ZEISS Labscope for Android	ZEISS Labscope for iPhone	ZEISS Labscope for iPad	ZEISS Labscope for Windows
Operating system	Android 13.0 or later	iOS 16 or later	iOS 16 or later	Windows 10 & 11 (64-bit)
Minimum hardware	RAM: 6 GB	iPhone 6s/plus iPhone SE (2016)	iPad Air 3 iPad 5 iPad Mini 5	CPU: i3 (8th generation) dual-core @ 2.5 GHz RAM: 6 GB
Recommended hardware	RAM: 8 GB or above	iPhone 11 or later	iPad Air 4 or later iPad 6 or later iPad Mini 6 or later iPad Pro 2 or later	CPU: i5 (9th generation) quad-core @ 3.0 GHz or above RAM: 8 GB or above

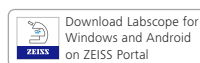| System requirements	ZEISS Labscope Module Fast Panorama
Operating system	Windows 10 & 11 (64-bit)
Minimum hardware	CPU: i5 (8th generation) quad-core @ 3.0 GHz RAM: 8 GB or above
Recommended hardware	CPU: i7 (9th generation) hexa-core @ 4.0 GHz or above RAM: 16 GB or above

> **Info:**
> Starting with Labscope 4.5 for Windows, the software is compatible with ARM64 Snapdragon chip devices, such as the Surface Pro 11, for all ZEISS network cameras and Axiovert 5 SCB/digital. Please note that standalone ZEISS USB camera connections are not supported on the ARM64 Windows devices.

Supported camera types for Fast Panorama module: Axiocam 305 mono/color.
Not all performance specifications of the used cameras can be supplied in the Labscope environment due to application specific restrictions.

With ZEISS Labscope you decide for an easy-to-use imaging app. Be it for your routine laboratory, digital classroom at university or school or even your hobby - you snap images, record videos and measure your microscopic samples with a push of a button. And you're free to use it with your Windows PC, tablet or mobile phone.

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Note:

Suggest development idea via My Voice: **ZEISS Portal My Voice**

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