



VISUSCOUT 100 from ZEISS
Handheld Fundus Camera
Simple mobile retina imaging



Fundus imaging – wherever you need it

Truly portable imaging from ZEISS

Reliably detecting and monitoring retinal disorders is key to ensuring high-quality care and to maintaining the vision of your patients. The VISUSCOUT® 100 from ZEISS lets you do precisely that. As a mobile fundus camera, it is the perfect imaging companion.



Retinal diagnosis that reaches every patient

With its lightweight and compact design, the ZEISS VISUSCOUT 100 allows simple retinal imaging and great flexibility when and wherever the need arises.

- For checkups and documentation of retinal conditions such as diabetic retinopathy, glaucoma and AMD
- As a secondary device for immobile patients
- Ideal for outreach programs, mobile eye care and satellite offices
- When working with children
- For general consultations and home visits
- As a simple fundus camera for small practices with space constraints
- Well-suited for health care professionals interested in an easy, cost-effective fundus imaging solution

Packed into a small, rugged carrying case, the ZEISS VISUSCOUT 100 can be conveniently transported and easily fits into any practice setup. Thanks to the camera's non-mydratic operation and precise autofocus function, dilation of the eyes is not required. Its battery power provides added flexibility and independence. The optional WiFi functionality enables instant transfer of images to a PC or mobile device.

The ZEISS VISUSCOUT 100 comes with an ergonomic charging station. A slit lamp adapter is available as an option.

Highlights at a glance

Image quality

Take color and red-free images instantly with the 40° field of view. The device fulfills all relevant ISO 10940 fundus camera standard requirements.

Easy capture

With its on-screen targeting aid and integrated autofocus function, using the device is easy and convenient. Nine internal fixation LEDs help align the patient correctly and also facilitate the capture of peripheral images. Thanks to its battery-powered, lightweight design, system handling is not restricted by cables.

Built-in simplicity

Operating the ZEISS VISUSCOUT 100 is simple and straightforward following a brief training session. Examinations are quickly performed and reviewed without needing to move the patient. Practice staff can operate the device, enabling cost-effective image capture prior to the examination.

Optional viewing software

The ZEISS VISUSCOUT 100 uses standard file formats that allow you to view images and videos with widely available, off-the-shelf software solutions. When combined with the optional VISUSCOUT 100 viewing software, the device can be connected to a DICOM-based patient management system such as FORUM® from ZEISS. FORUM allows you to access patient work lists and transfer the data to a central archive.

Key benefits for you

- Wireless flexibility for fundus imaging wherever you need it
- Easy capture of images and videos in a quality normally not expected of a mobile device
- Integrates with DICOM-based data management systems using optional viewing software
- Simple to operate for both medical staff and assistants



Specifications and technical data

VISUSCOUT 100 from ZEISS

Dimensions (W x D x H)	115 x 216 x 199 mm
Weight	800 g
Sensor resolution / type	5 MP / CMOS
Protection class	1
Charging station	100 - 240 V ~0.4 A 47 - 63 Hz, Output: 9 V, 1.1 A, 10 W
Battery	Rechargeable Li-Ion 3.7 V, 1950 mAh
Field of view	40°
Capture mode	Color, red-free, IR
Focus range	-20D to +20D
Fixation	9 x LED, internal
Minimum pupil size	3.5 mm
Display	3.97", TFT-LCD, 800 x 480 px, 16.7 M colors, anti-glare coating
Data connectivity	USB WiFi
Data formats	JPEG, MPEG4/1 (DICOM optional)
Memory	8 GB Micro or WiFi SDHC




*The ZEISS VISUSCOUT 100:
flexible and mobile fundus imaging*

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