

S P E C T R U M
I N T E R N A T I O N A L



Meibomian Gland Imaging Camera

Spectrum Meibographer

A Truly Portable Meibographer

Product Design Concept

With the prevalence of electronic devices, more and more people have developed dry eye symptoms. It is known that one of the main causes of dry eye is meibomian glands dysfunction. In this situation, **Spectrum Meibographer** is developed to offer high quality meibomian gland imaging solution. Its compact design enables clinicians to carry it anywhere and check patient's meibomian glands condition conveniently.

Applicable Site



Optical shop



Visual Specialists



Community health center



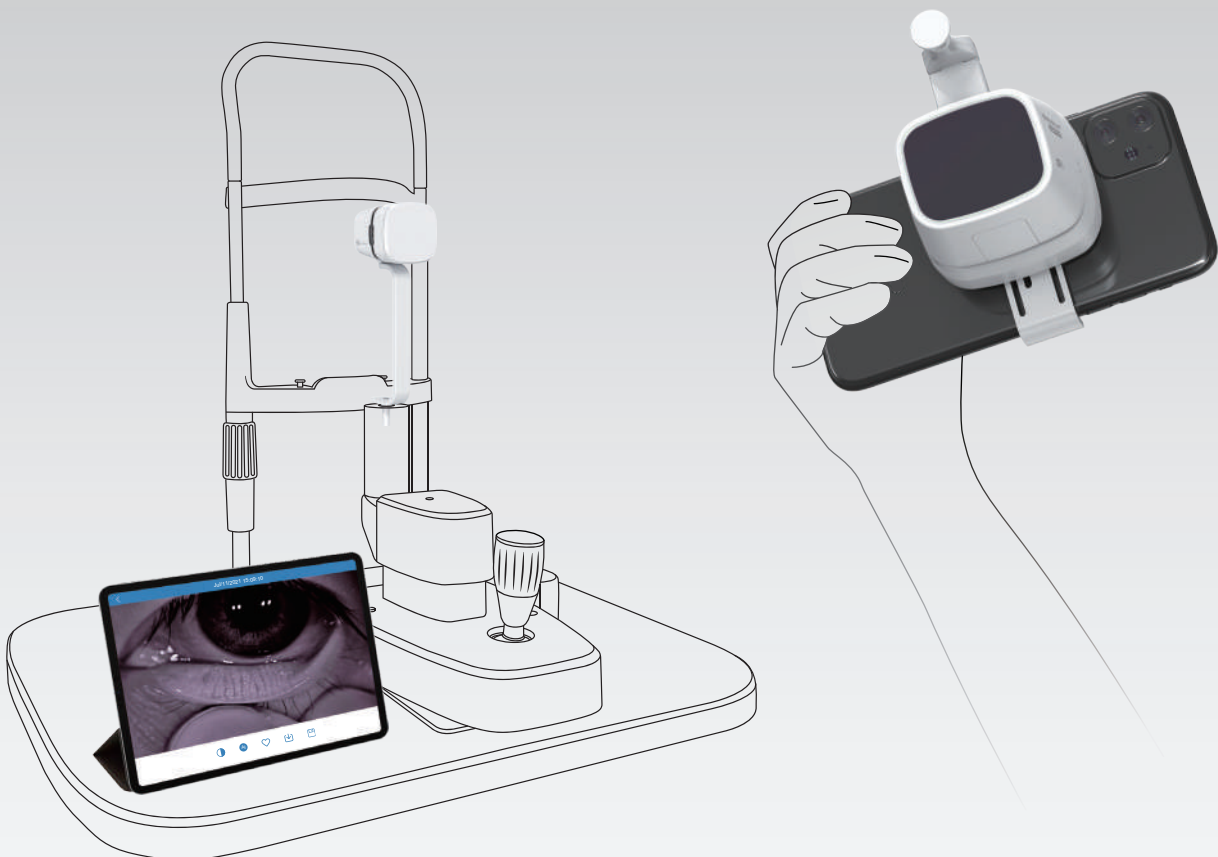
Home visit



Clinic



Mobile eye care bus



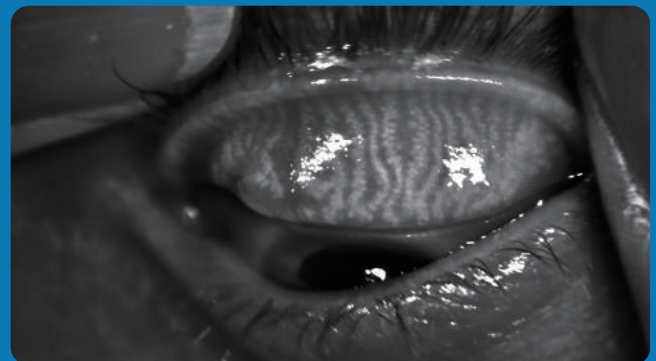
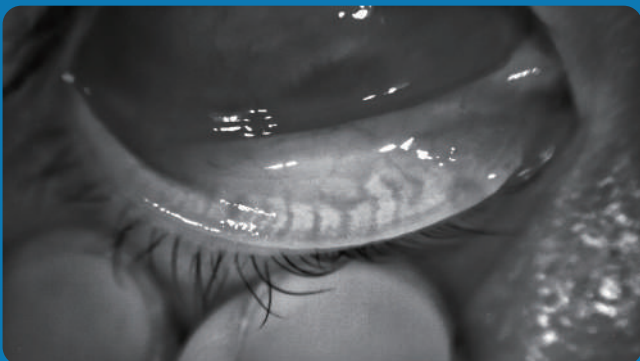
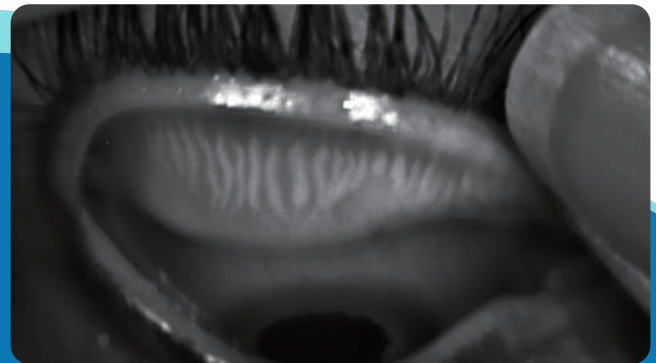
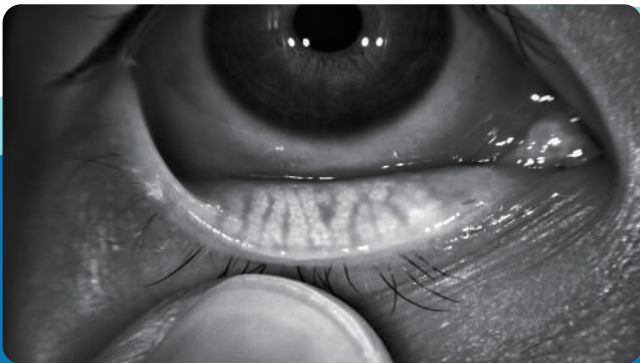
Wireless Connection

Spectrum Meibographer applies high tech Wi-Fi technology to transfer live video stream with smartphone app wirelessly. User can preview and capture meibomian glands images on VisuDoo™ app easily.



High Quality Meibomian Image

With excellent image processing technology, **Spectrum Meibographer** could provide high quality meibomian glands images to help clinicians check patient's MGD situation.



Compact Design

The handfull size enables **Spectrum Meibographer** to be used either handheld or on a table top chin rest. Clinicians can carry it to check patients at home visit or in rural areas.

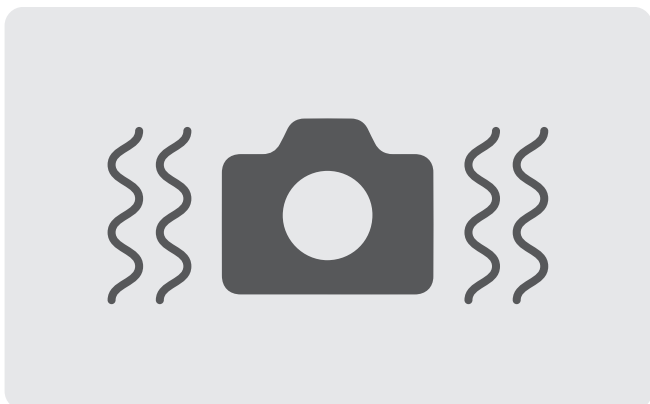


Low Power Alarm

When the **Spectrum Meibographer** has low power, the power indicator light will flicker to remind user to recharge power. With one-time full power recharge, **Spectrum Meibographer** can be used for 3 hours.

Anti-Shaking Camera

Spectrum Meibographer applies G-sensor to compensate the subtle shake when clinician taking image. In this way, the image can be stabilized when being captured.



USB Type-C Recharging Port

USB Type-C recharging way will provide a more convenient way for power recharge. It only takes 2 hours to fully recharge **Spectrum Meibographer**.



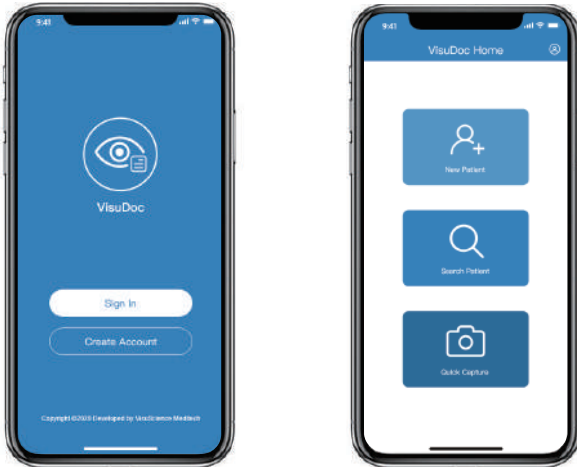
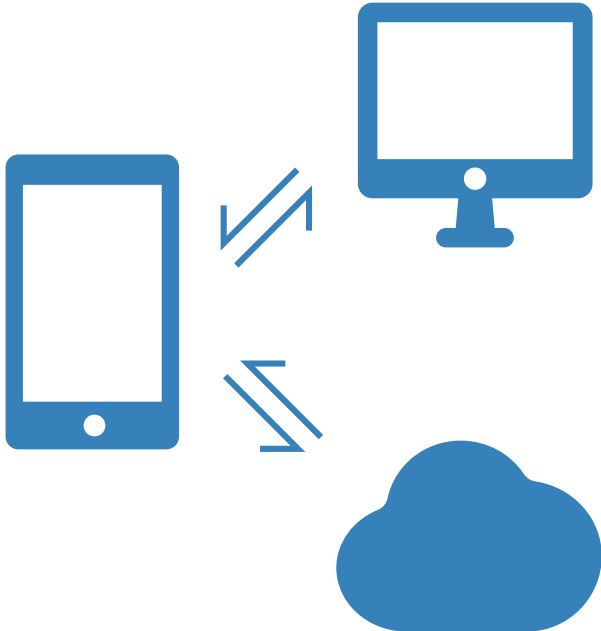


Image Management App VisuDoc™

Excellent eye image management App VisuDoc™ is developed to work with **Spectrum Meibographer** to capture and manage all patients' meibomian images. The intuitive user interface enables clinician to quickly capture and save images in patient cases.

Local/Cloud Data Storage

VisuDoc™ provides two data storage options: local or cloud. Users can either store all patient information and image data on local PC with Windows VisuDoc™ or store on their own cloud server.

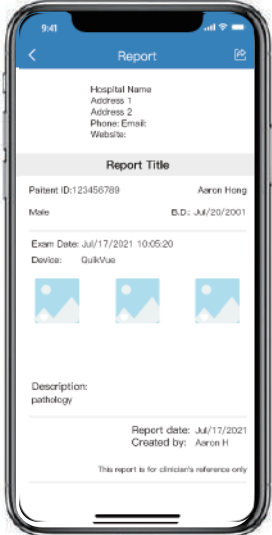
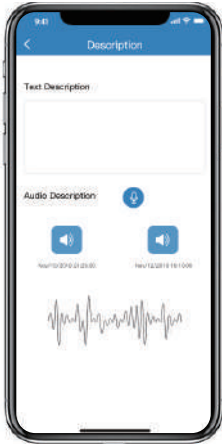


Audio and Text Record

The clinician can record the diagnostic opinions by text or audio in the VisuDoc™.

Examination Report Print

The clinician can print the medical report with diagnostic descriptions in PDF and share it with patient or colleagues for further medical consultation.



Specification

Illumination	850nm infrared LED
Working distance	35mm
Live video transfer	Wi-Fi
Image transfer	Wi-Fi
Working App	VisuDoc™ (iOS and Android)
Image resolution	2560x1600, JPEG
Working time	3 hours
Power supply	Rechargeable Li-ion battery, 3.7V/2500mAh
Input power	DC 5V/1A
Recharging	2 hours
Dimensions	67mm x 60mm x 60mm (L/W/H)
Net weight	350g (including battery)

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