

SPECTRUM

INTERNATIONAL



Smartphone Eye Imaging Adaptor

Spectrum Adaptor

Eye Capture at Your Palm

Product Design Concept

It is well acknowledged that imaging is playing a more and more important role in ophthalmology diagnosis. **Spectrum Adaptor** is a smartphone adaptor designed especially for anterior segment imaging. It provides 10x magnification which meets the basic eye examination demand for optometrists, general practitioners, pediatricians, veterinarians, etc. The specially designed optical lens enable **Spectrum Adaptor** to capture clear anterior images for primary eye care examination and telemedicine.

Clinical Applications



General eye check



Immobile patient check



Children patient check



Emergency check



Elderly patient Check



Pet eyecare check



White and Blue Illumination

Spectrum Adaptor provides both white and blue illumination respectively. The white LED projects warm white light which is similar to slit lamp's halogen illumination. There are two levels of white illumination available to meet different brightness demand during examination. The blue illumination can be used to capture fluorescein images to assist diagnosis with corneal staining and contact lens fitting, etc.



Power Management

Spectrum Adaptor applies mini Li-ion rechargeable battery. It can be recharged through a Type C cable. There is one light indicator next to the Type C charging port. When the power recharging is finished, the indicator light will turn from blue to green. The switch button has blue light on when working normally. If the power is low, the light will flicker to remind clinicians to do recharge.

● Power recharging

● Finished power recharging



Flickering blue light indicates low power.

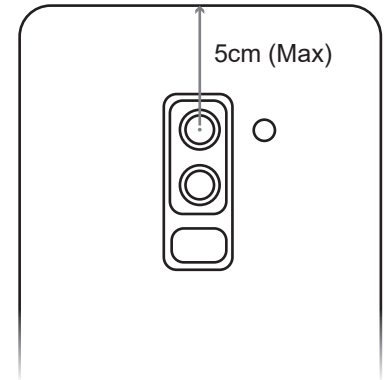
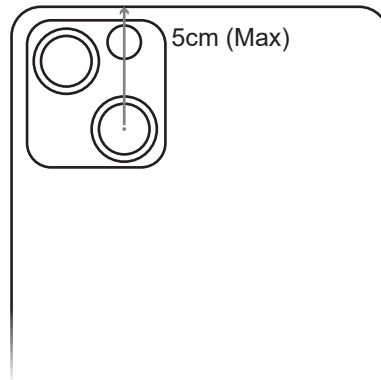
Integrated Yellow Filter

Spectrum Adaptor is equipped with an integrated yellow filter. The flipable yellow filter making it easy for clinicians to take enhanced fluorescein images with cobalt blue illumination. This function is especially useful in lens fitting, cornea ulcer imaging, tear film break up time examination, ect.



Smartphone Compatibility

Thanks to the air cushion design, **Spectrum Adaptor** is able to attach on most of the phones in the market firmly. Clinicians need to align **Spectrum Adaptor** lens with smartphone's main camera. The requirements for the main camera location is as below:



Working Application

Spectrum Adaptor can work with smartphone default camera app VisuDoc ophthalmic case management app. VisuDoc can be downloaded from both App store and Google play store.

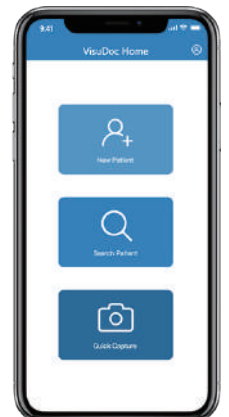
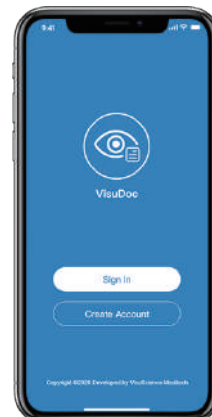
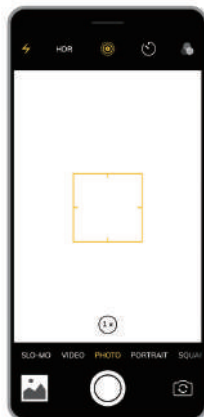
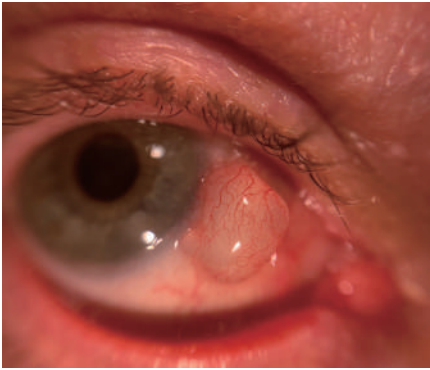
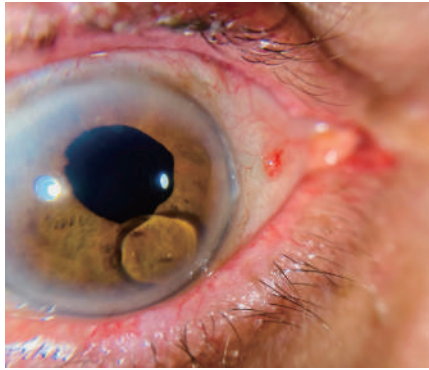


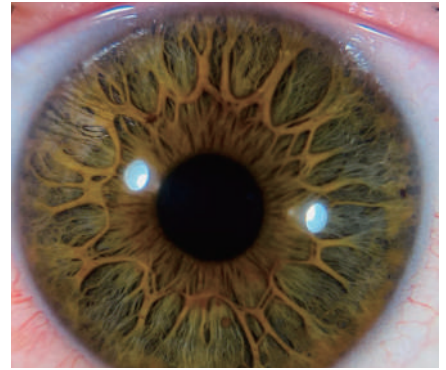
Image Showcase



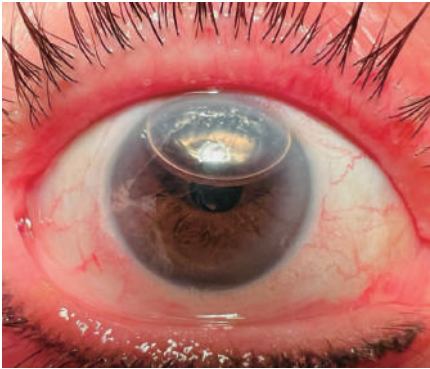
Corneal Cyst



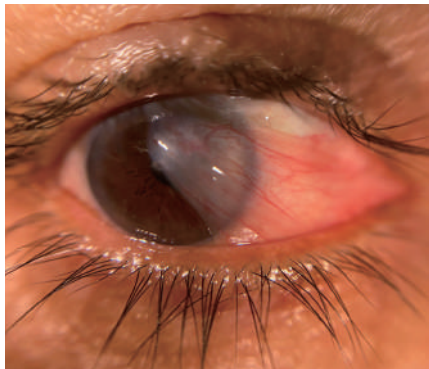
Silicone oil migration



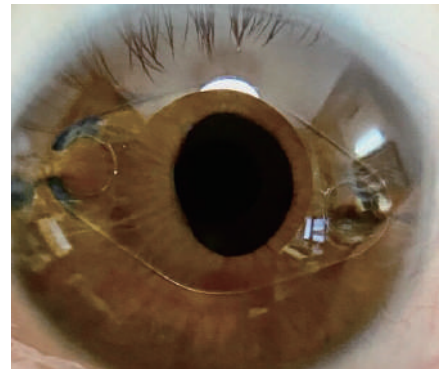
Flower Iris Pattern



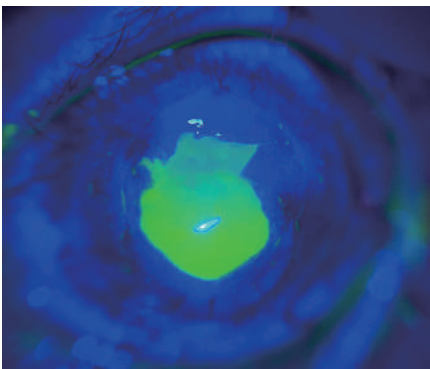
Air Descemetopexy



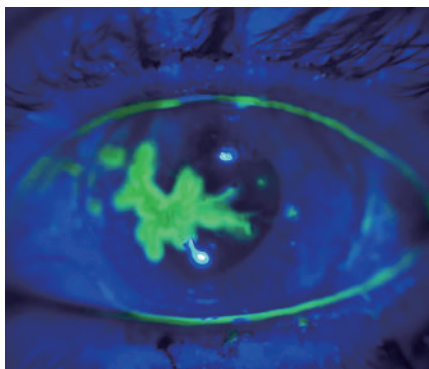
Pterygium



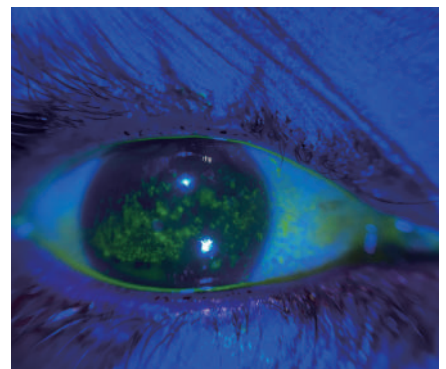
ICL Implant



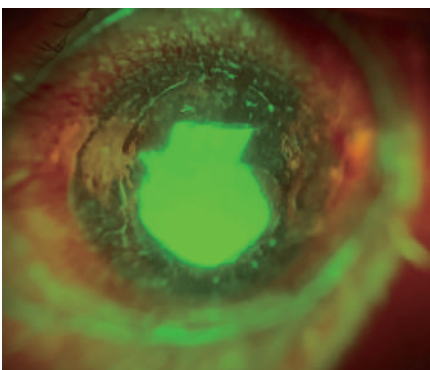
Corneal Ulcer



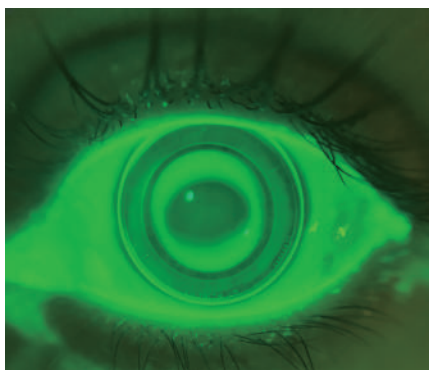
Dendritic ulcer



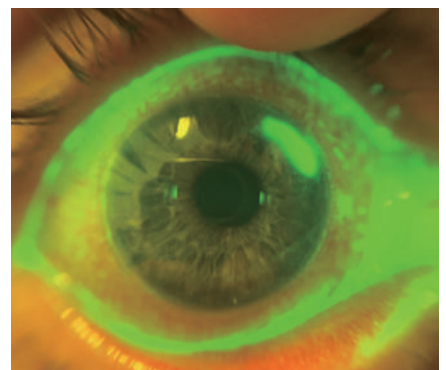
Superficial Punctate Keratitis



Corneal Ulcer



OK lens fitting



Marginal Keratitis

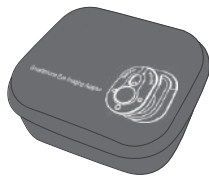
Specification

Magnification	10X
Illumination	White (2 level of brightness), Cobalt blue
Filter	Flipable yellow filter
Working Distance	15~20 mm
Image Capture	Still image, video
Working App	Smartphone camera app/VisuDoc (optional)
Working Time	5 hours
Power	Rechargeable Li-ion battery
Recharging Time	1.5 hour
Dimension	6X4X4 (cm)
Net Weight	59g

Packing Details:



QuikVue Plus adaptor



Zipper box



USB/Type C cable



User guide QR code card

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

 +1 (470) 208-7030

 sales@spctinternational.com

www.spctinternational.com



/spctinternational