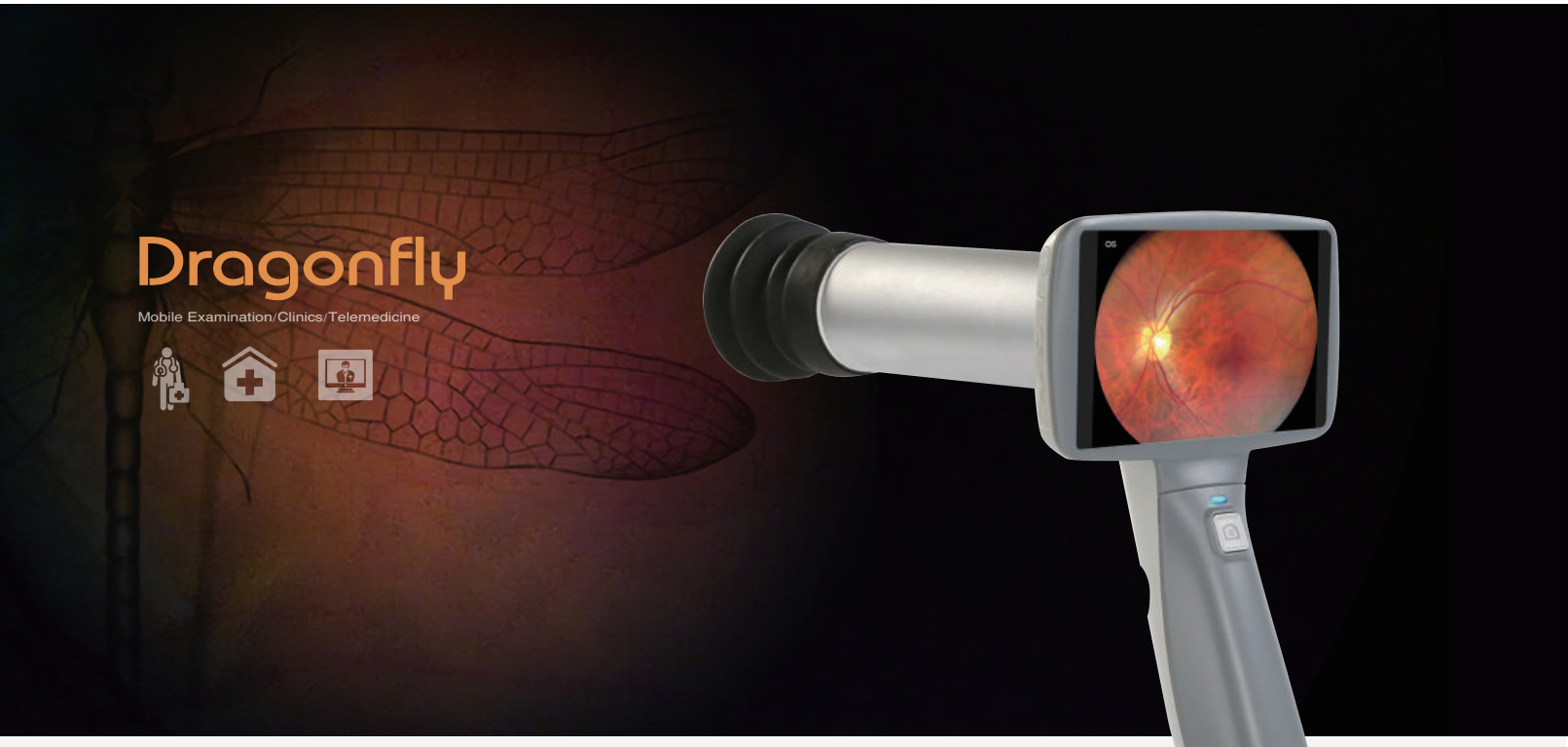
MediWorks®



Hand-held Fundus Camera

FC160

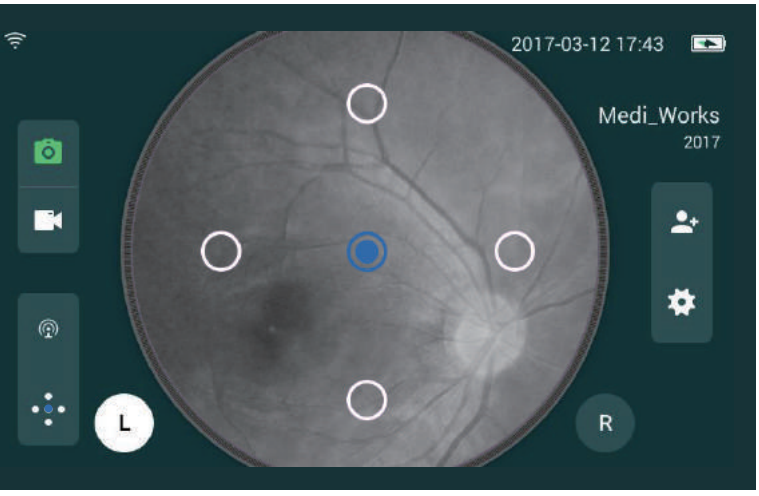
Smart Retinal Imaging Solution

Non-mydriatic

Using MediWorks' Hand-held Fundus Camera Dragonfly does not require doctors to dilate patients' pupils which will take 20 minutes before shooting retina imaging. Doctors can capture retinal image directly once the image is in focus.

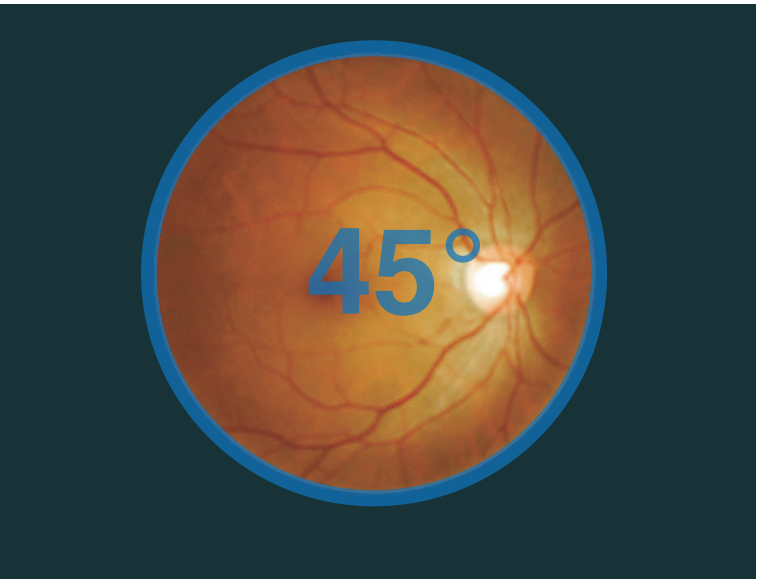
3.97" Touch Screen

The 3.97" touch screen displays retinal images clearly to facilitate doctors' pathology analysis.
With touch screen, doctors do not need to press a lot of buttons to check different images. They just need to slide photos like using a smart phone.



5 Internal Fixation Targets

The Dragonfly provides 5 internal fixation targets to assist patients to align correctly. By instructing patient to fixate on different internal targets, doctors will be able to capture retina images in different angles to check both central and peripheral areas of the retina.



45° Visual Field

The 45°visual field enable doctors to check basic retina situation of the patients. The visual field angle has met the requirements from doctors for primary retina screening.

MediView Software

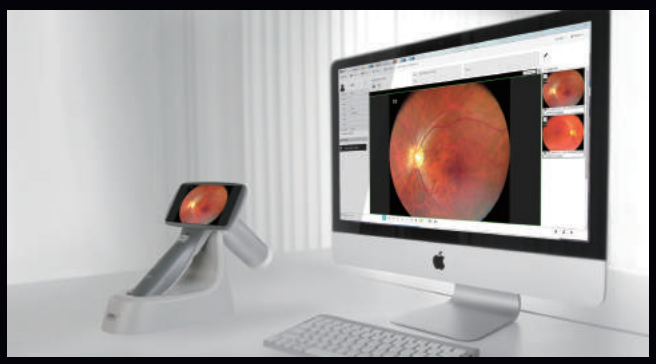
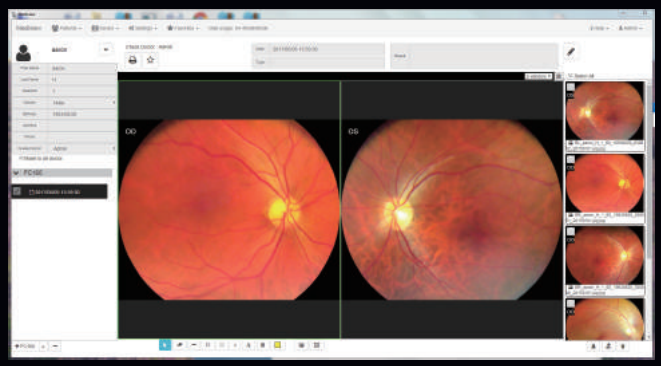


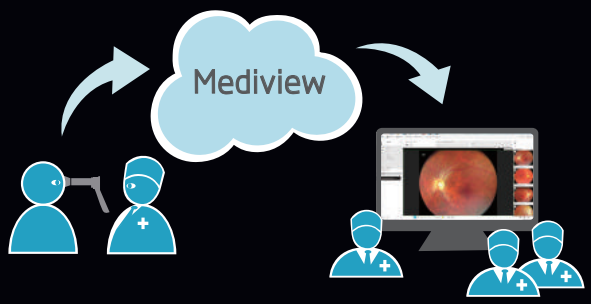
Image Management System

Mediview is a cloud based image management system. It assists users to manage retina images collected by Dragonfly hand-held fundus camera. It also supports telemedicine application.

Image Comparison

Doctors can compare 2 images or 4 images in one screen to examine the difference in patient's retina.

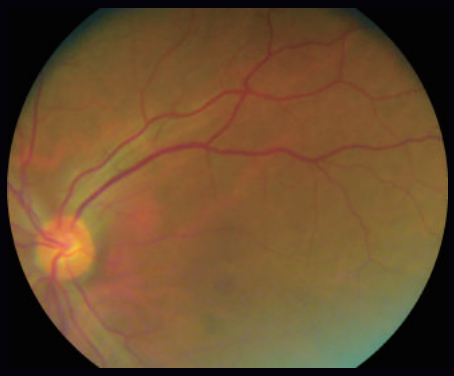


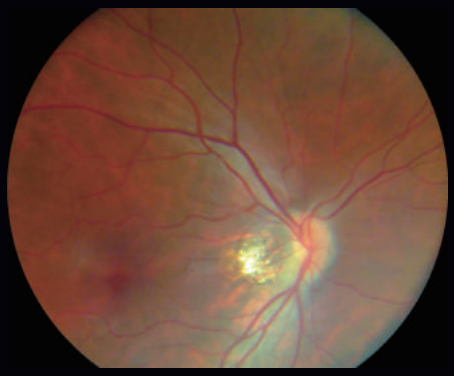


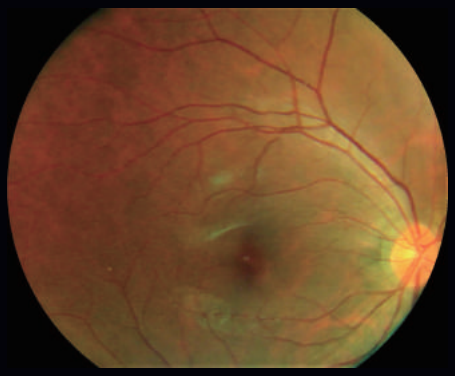
Telemedicine

With Mediview, medical staff can import and upload retina images collected anywhere to a cloud server. Ophthalmologists from hospitals can review these images and give diagnosis feedback after log in the Mediview system. In case, there is any suspicious pathology, medical staff can inform the patient to take further examination promptly.

Image Gallery







Specification

	FC160
Type	Non-mydriatic
Filed of View	45 Degrees
Camera Sensor Resolution	5M Pixels
Fixation Targets	5 x LED, Internal
Minimum Pupil Size	3.5mm
Illumination	White LED & Infrared LED
Focusing	Manual
Focus Range	-20D~+20D
Display	3.97" Touch Screen
Image Format	JPEG(Photograph) ; 3GP(Video)
Type of Photography	Color,Mono
Memory	16 GB Micro SD card
Data Connectivity	Micro USB; WiFi
Power Supply	Rechargeable Li-ion battery, 3.7V
Charging Station	100~240VAC, 50/60HZ
Power Adaptor	5V DC, 2A
Dimensions	205mm x 123mm x 202mm (L/W/H)
Weight	420g

Standard Accessories

Carrying Case

Hand-held Fundus Camera

Recharging Station

Protection Cover

Power Adaptor

USB Cable

SD Card

Mediview Software

Optional Accessories

Slitlamps Attachment

FDA Approval

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Details Make the **Difference**