retivue

See the
Whole Retina

Image the
Whole World

From infants to adults, get true color imaging with the widest field of view.

retivue.com

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OUR MISSION

To prevent blindness in underserved, medically at-risk populations by creating innovative, affordable products and solutions that aid in the early documentation of eye disease.

ABOUT RETIVUE, LLC

Doing what we can to help prevent eye disease and blindness

RetiVue LLC is focused on providing novel, high definition retinal imaging technology with a wider field of view to help document early eye disease to help prevent needless blindness. The RetiVue WF Desktop and RetiVue WF Portable are the first affordable non-mydriatic widefield retina cameras for everyone from babies to adults.

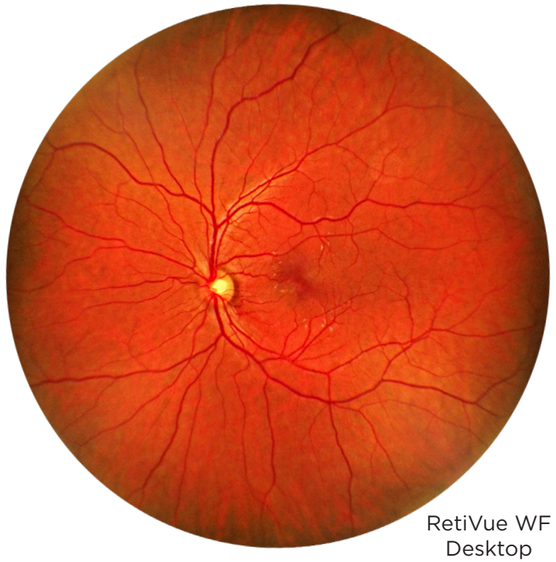
Our revolutionary design allows you to image up to ten times more of the retina than competing devices. Point and shoot automatic image capture gives you perfect images of the eye every time, regardless of level of expertise. Our company strives to become the de-facto standard equipment used for eye screening, capturing higher quality images, while simultaneously maintaining device affordability and simplifying ease of use.

RETIVUE WF DESKTOP

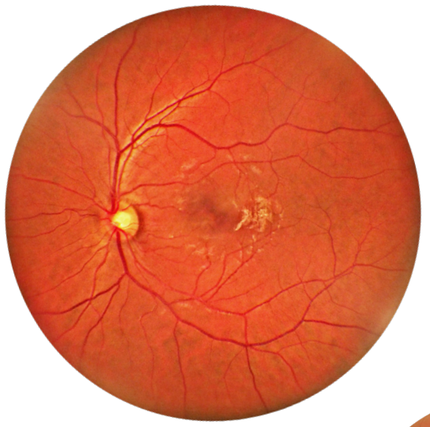
A new approach to true color widefield imaging

- Non-mydriatic, non-contact widefield imaging through a 4mm pupil
- Highly portable desktop unit
- True color images with full-spectrum white light
- 12 MP high definition images
- Modular lens design supports 160° and 145° field of view
- Onscreen alignment guide for perfect images everytime
- Automatic focus and image capture

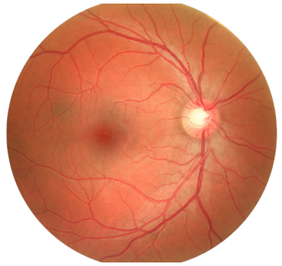
WIDEFIELD COMPARISONS WITH STANDARD 45° FUNDUS IMAGE



RetiVue WF Desktop 160° module

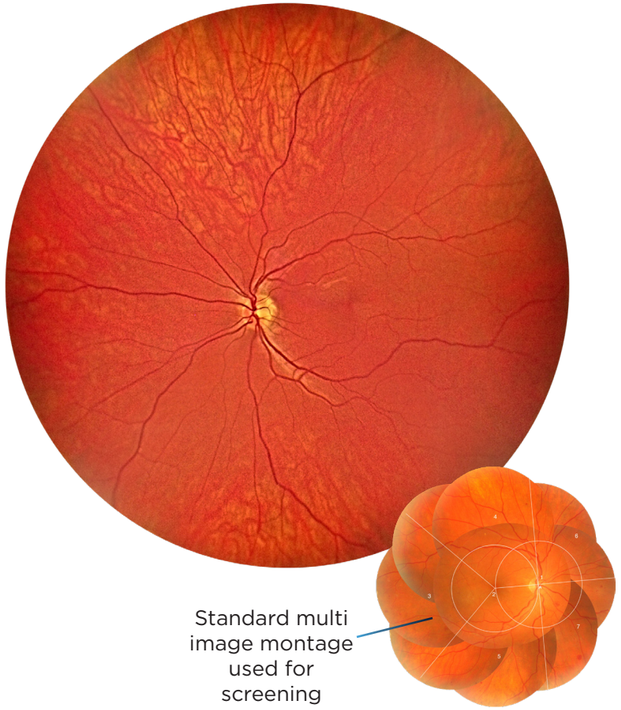


RetiVue WF Desktop 145° module



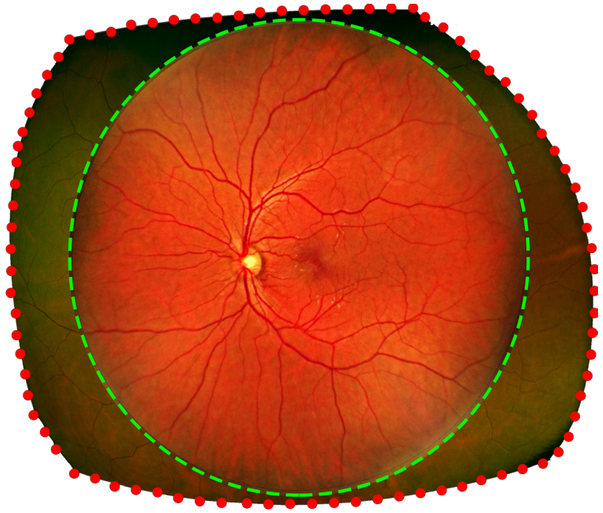
Standard 45° fundus image

JUST ONE IMAGE INSTEAD OF 10



Standard multi image montage used for screening

TRUE COLOR, FULL SPECTRUM WIDEFIELD



RetiVue WF Desktop ••• Competing WF Imager

SPECIFICATIONS FOR DESKTOP

Intended Use	To examine and image the retina of adults and non-infant children	
Optics	***Photography method:*** - CMOS HD camera - Burst capture	***Light source and illumination:*** - Infared - White light
	Focus modes: - Touch screen - Foot pedal - Automatic	***Image capture modes:*** Single Image Movie
	Resolution: up to 4.7 µm	***Field of View:*** 160° and 145°
	Image capture rate: 10 images per second	***Working distance:*** 160°: 11mm 145°: 15mm
Physical Metrics	***Footprint:*** 23" x 23"	***Monitor size:*** up to 27"
	Weight: 10 lbs	
Power Supply	***Extended Battery:*** Up to 4 hours	
Computer System	***Operating system:*** Windows 10	***Display:*** IPS widescreen 4K resolution Touch panel
	Storage: 1 TB + 128GB SSD	***Processing specs:*** Nvidia Geforce GTX 1050 Intel i7 3.7 GHz
Data Transmission	***Live view frame rate:*** 24 fps	***Image transfer rate:*** 4 images per second
Accessories	Foot pedal, UPS, rolling medical table	
Classification	Medical device Class II	

RETIVUE WF PORTABLE

The same high definition technology in compact, portable form - designed for babies to adults

- Non-mydriatic and mydriatic widefield imaging
- 180° and 145° modules
- No gel, lid speculum, or contact with eye required
- Lightweight, portable design
- High quality, haze free images
- Footpedal for manual control
- True color images with full spectrum white light
- 1 image to capture all of Zone II
- 3 images instead of 10 to capture entire eye

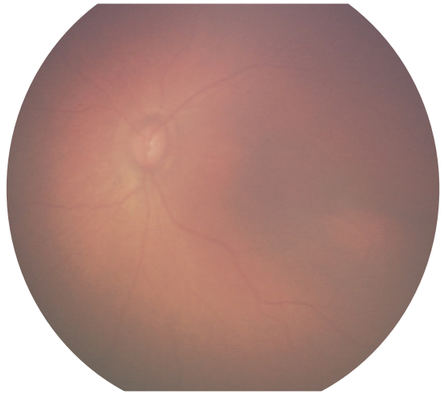
AUTOCAPTURE AND AUTOFOCUS MAKE IMAGING EASY

On screen alignment guide for perfect image capture

Portable WF 180°

Portable WF 145°

Conventional Baby Camera



SPECIFICATIONS FOR PORTABLE

Intended Use	To examine and image the retina of babies, children, and adults	
Optics	***Photography method:*** - CMOS HD camera - Burst capture	***Light source and illumination:*** - Infared - White light
	Focus modes: - Touch screen - Foot pedal - Automatic	***Image capture modes:*** - Single Image - Movie
	Resolution: up to 4.7 µm	***Field of View:*** 180° and 145°
	Image capture rate: 10 images per second	***Working Distance:*** 180°: 1mm 145°: 11mm
Physical Metrics	***Handpiece size:*** 7" x 2"	***Monitor size:*** up to 27"
	Handpiece weight: 1 lb	***Cart working height:*** up to 40"
Power Supply	***Extended battery:*** Up to 4 hours during imaging	
Computer System	***Operating system:*** Windows 10	***Display:*** IPS widescreen 4K resolution Touch Panel
	Storage: 1 TB + 128GB SSD	***Processing specs:*** Nvidia Geforce GTX 1050 Intel i7 3.7 GHz
Data Transmission	***Live view frame rate:*** 24 fps	***Image transfer rate:*** 4 images per second
Accessories	Foot pedal, UPS, rolling medical cart	
Classification	Medical device Class II	

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