

vx 625

# Ultra-widefield fundus camera





# Accessible automatic ultra-widefield 176° fundus camera

The VX 625 is a non-mydriatric ultra wide field fundus imaging system designed for ease of use and high diagnostic precision. It delivers a 176 degrees images in one acquisition.

This Automatic system features a powerful image analysis and management platform, supporting comprehensive fundus examinations and large-scale screenings- particularly valuable in ophthalmology clinics.

Designed for simplicity, both automatic and manual modes allow for efficient image acquisition with minimal user training



One button operation



Non-mydriatric



Automatic adjustment



HD images

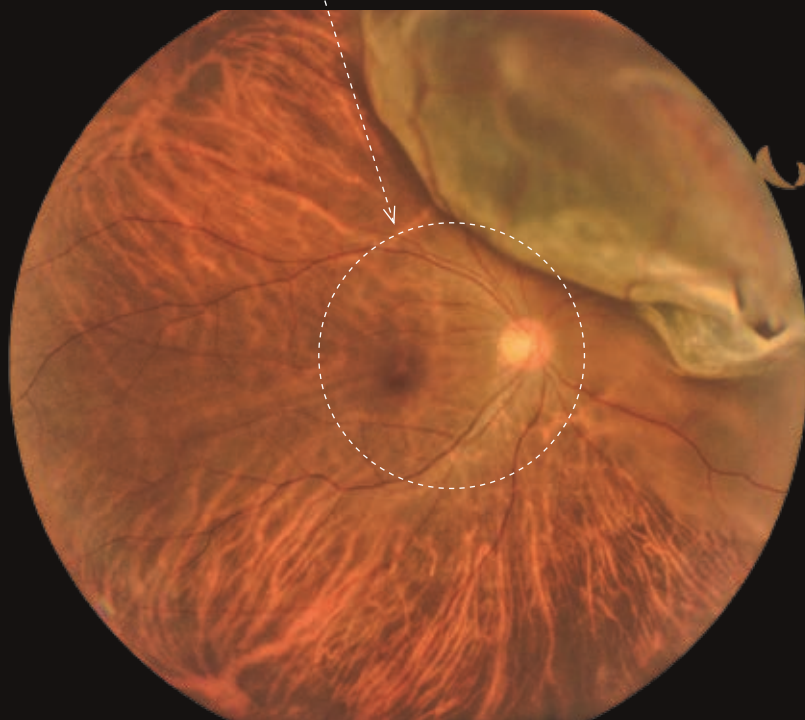


True color

True color imaging up  
to 176 degrees in one capture



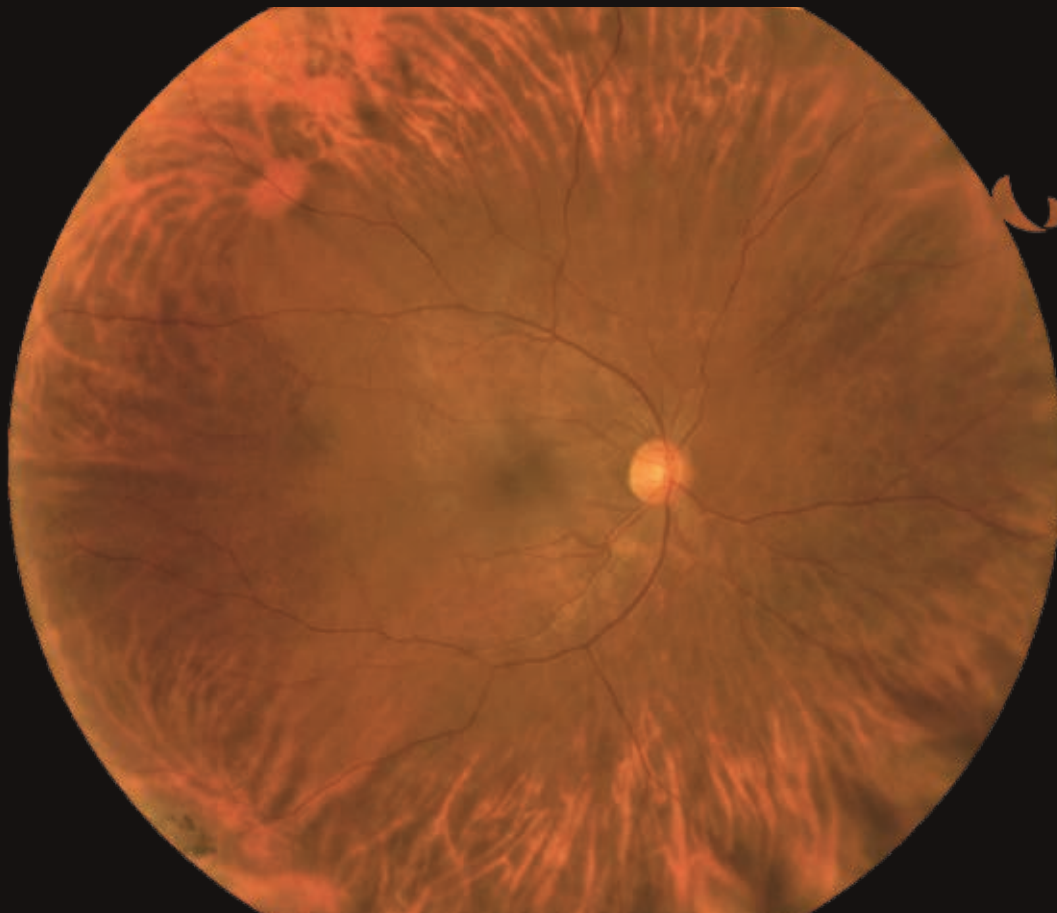
Standard 45° fundus image



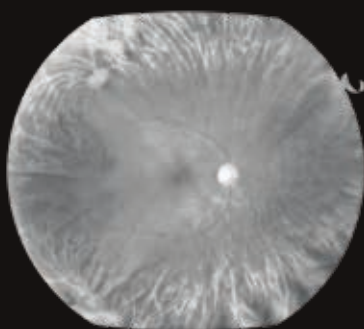
Retinal Detachment

# LED true color technology

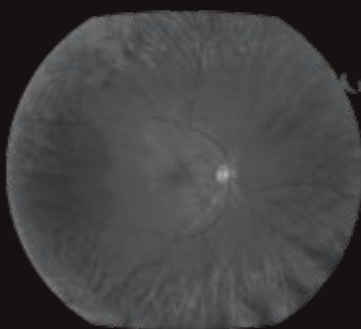
LED True Color imaging allows separation into red, green, and blue channels, enhancing detail across different retinal layers



True color image



Red Channel



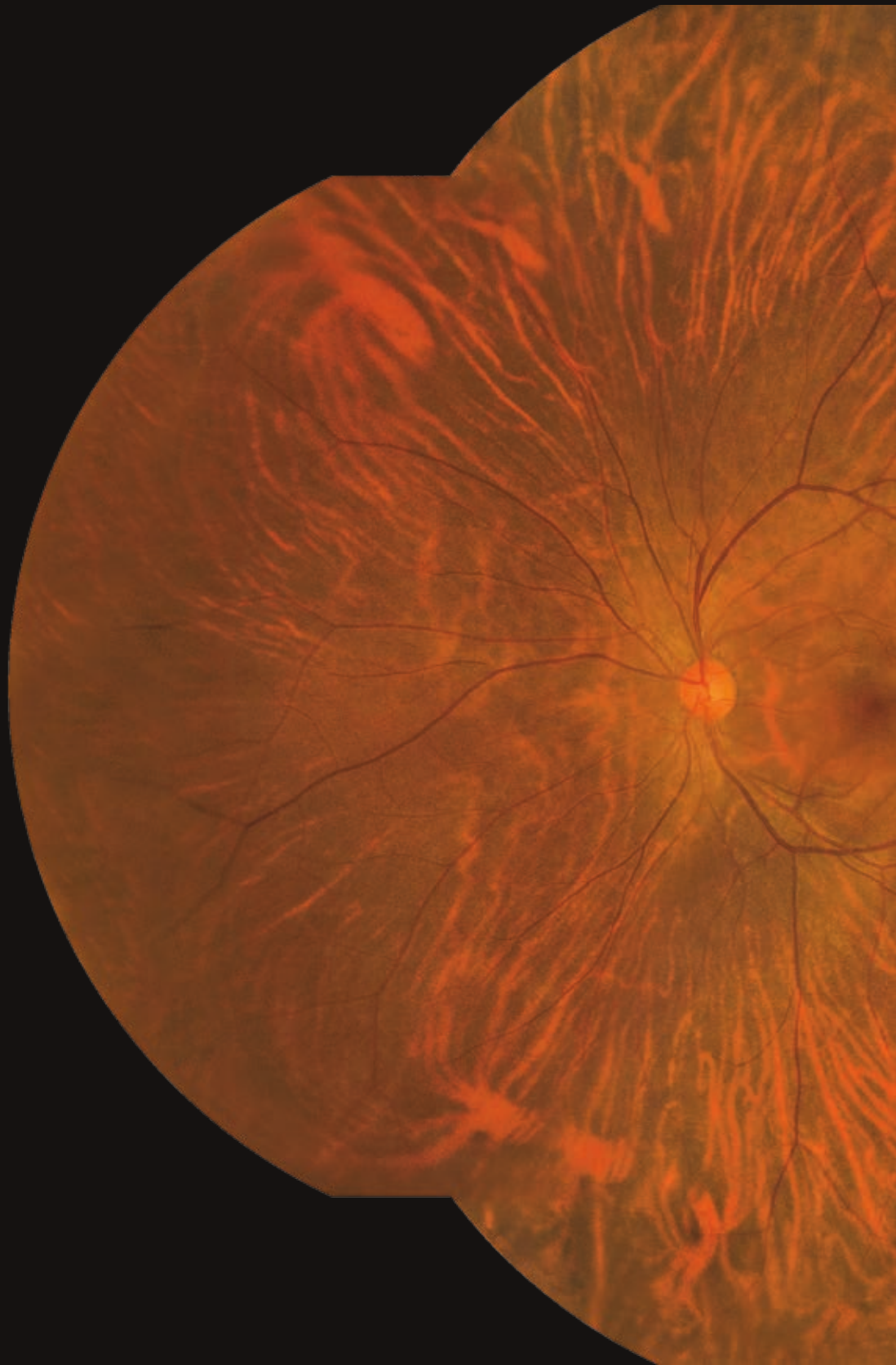
Green Channel

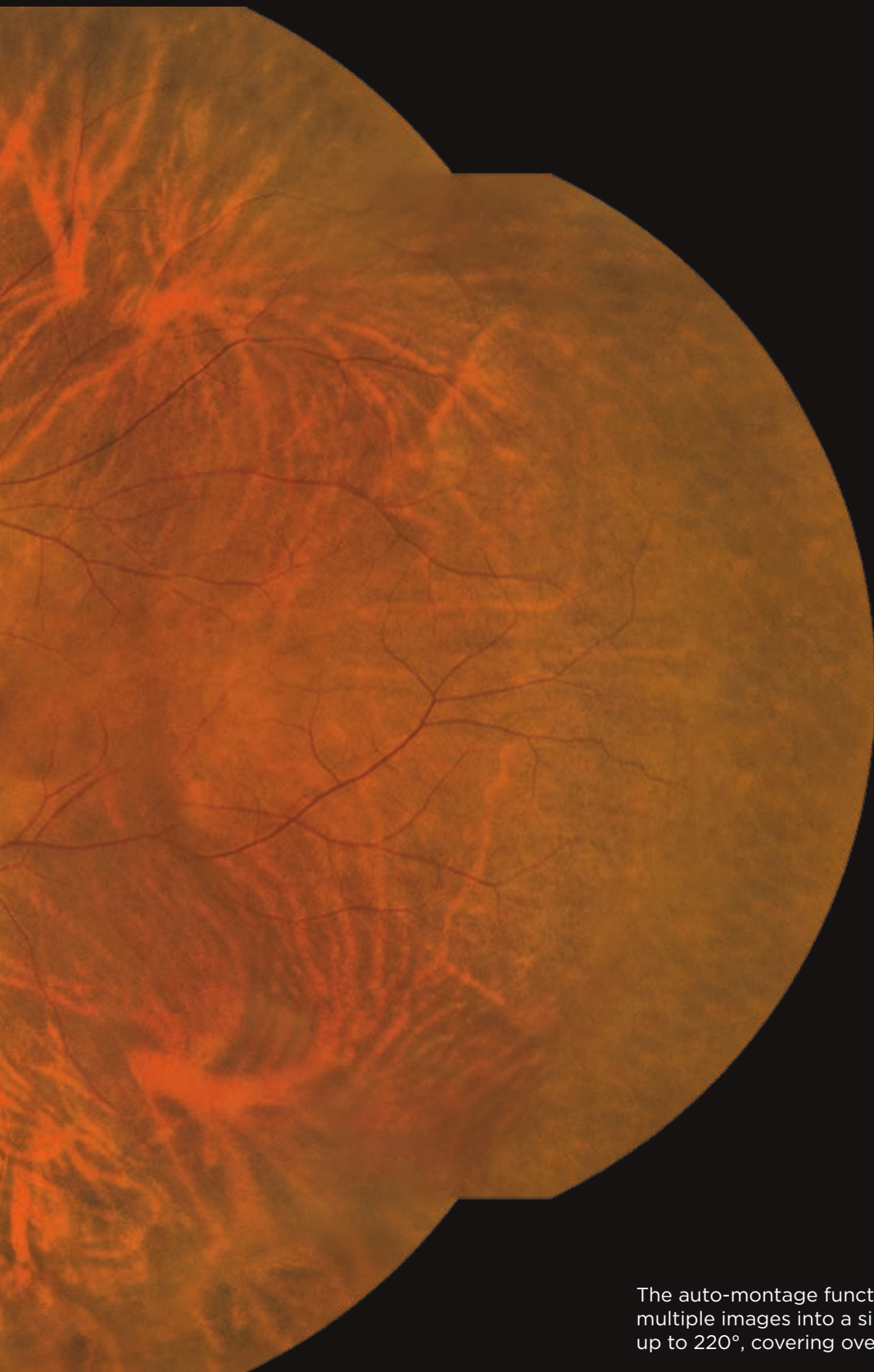


Blue Channel



# Mosaic feature





The auto-montage function effortlessly merges multiple images into a single wide-field image of up to 220°, covering over 95% of the retina.

Great detail for an accurate diagnosis  
over the entire field of view



Hemorrhage

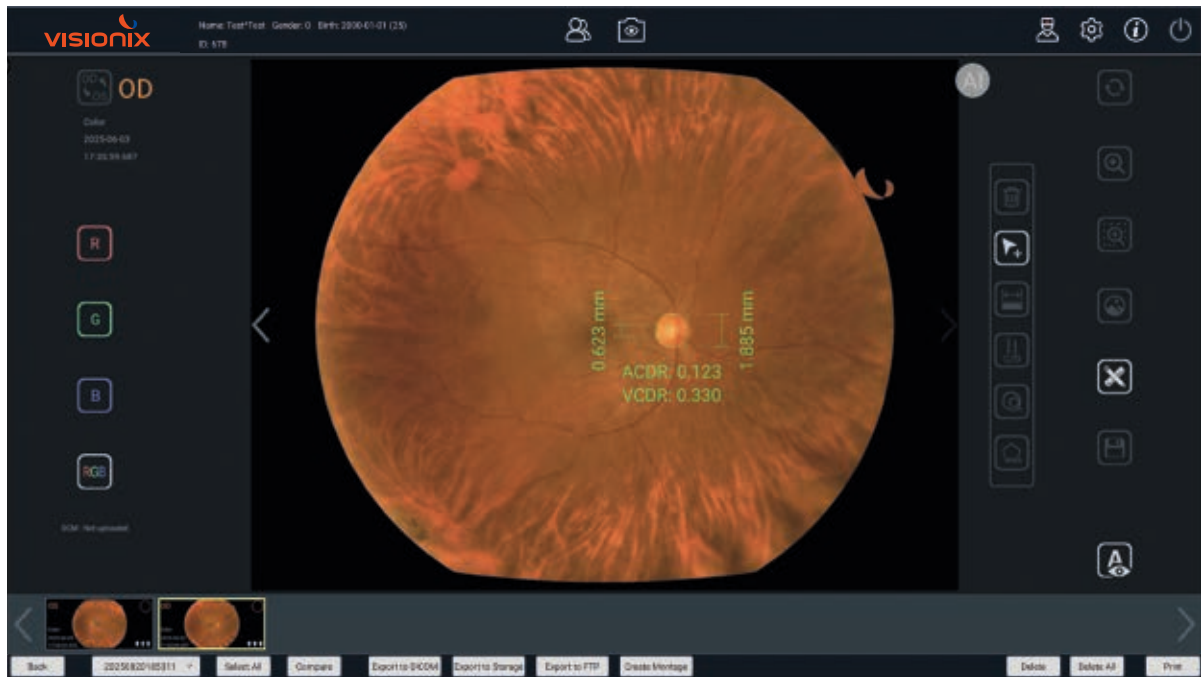




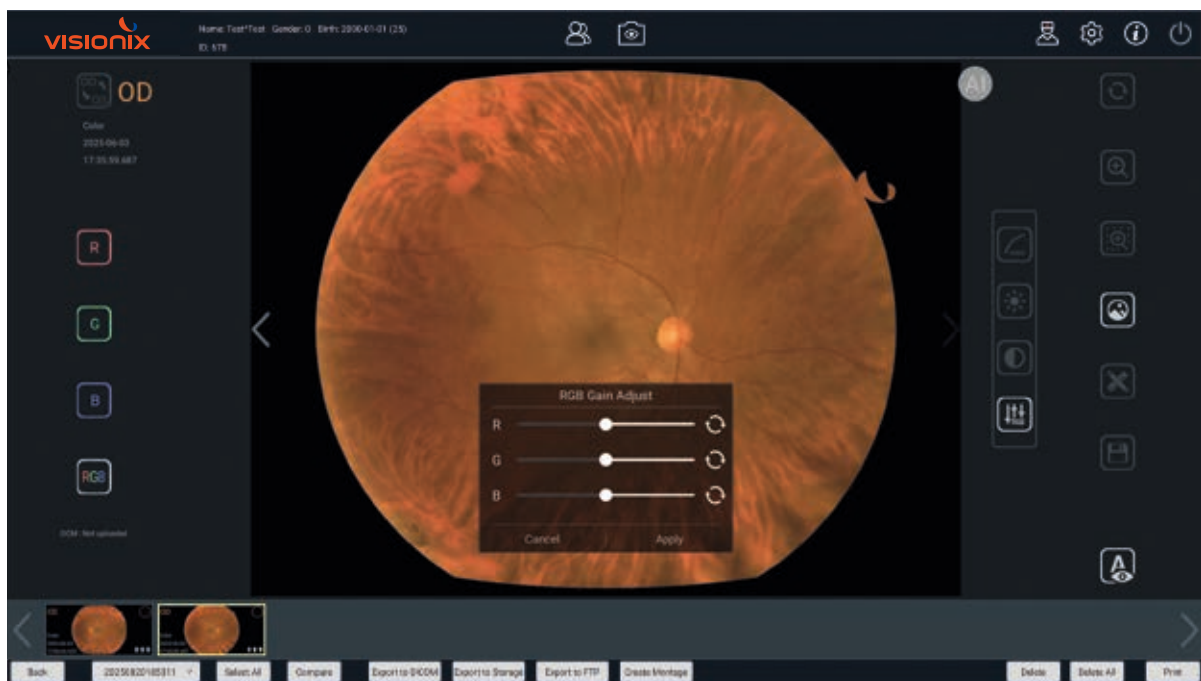
Branch retinal vein occlusion

# Multifunctional software analysis system

User-friendly software for efficient documentation and patient monitoring



Advanced precision tools, including calipers, vertical and horizontal cup-to-disc measurements, cup-to-disc ratio calculation, and area measurement functions.



Powerful image enhancement tools, including brightness, gamma, contrast, and RGB gain adjustments, allowing for fine-tuning and detailed analysis.

# Technical specifications

## DIMENSIONS:

WIDTH	250 mm
DEPTH	500 mm
HEIGHT	470 mm
WEIGHT	21 Kg

### General information

Automatic operations	Automatic focus, automatic alignment, automatic capture, automatic gain / manual
Working distance	10mm +/- 2mm
Power supply	Voltage 220V - Power 200W

### Acquisition technology

Imaging technology	LED true color
Optical resolution	8µm (tolerance +/- 7%)
Light source	LED white light
Capture modes	Single capture, automatic mosaic
Imaging modes	Color image
Camera flash light source illumination	The maximum illumination is less than 130 000 lx
Capture speed	16 frames / second, image capture 30ms

### Field of view (from the center of the eyeball)

Wide field 176°	Tolerance +/- 5%
Ultra wide field 220°	Two images
Compliance	Medical device compliant with MDR 2017/745



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