

REV02 - 191219

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drsplus


Innovating a Higher Standard in Retinal Imaging




Focus. Quality.
Comfort.

DRSplus **confocal fundus imaging system** by CENTERVUE uses white LED illumination to produce TrueColor and detail-rich images, setting a new effective and efficient standard of **retinal imaging**.

 **TrueColor Confocal Technology**, with white LED, promotes **detailed 45° retinal images** and allows to **scan through cataract**.

 The confocal technology permits imaging through **pupils as small as 2.5 mm**, without need of dilation, ensuring a comfortable patient experience.

 **Fast Fully Automated** operation requires minimal staff training to acquire the highest quality images, speeding up the examination time.



Technical specifications

Fundus Imaging System Features

Field of View	Single image (W x H):	45° x 40°
	Mosaic up to 9 fields (W x H):	83° x 78°
Light Sources	White LED:	440-650 nm
	Infrared LED:	825-870 nm
Imaging Modalities	TrueColor, Red-Free*, Blue*, Red*, External Eye, Stereo**, Mosaic**	
Autofocus Adjustment Range	-15D to +15 D	
Automatic Operations	Auto-alignment, Auto-focus, Auto-exposure, Auto-capture, Auto-montage	
Minimum Pupil Size	Non-myd 2.5 mm	
Working Distance	25 mm	
Image Size	10 Megapixels	
Resolution	80 pixel/degree	
Fixation Targets	Internal/External**	
Dynamic Programmable Internal Fixation Target	Central, Nasal, Temporal, Central-Nasal, Superior, Inferior, Superior-Temporal, Superior-Nasal, Inferior-Temporal, Inferior-Nasal	

Computer/Accessories

Display	Integrated 10.1" (1280 x 800) Color, Capacitive, Multi-touch
Hard Drive	SSD 512 GB
Interfaces	USB port 2.0 x 3, Gigabit Ethernet Port x 1
Export / Import	jpeg, pdf, DICOM**, Web API**
Accessories	Remote Viewer** up to a maximum of 5 remote stations

Dimensions/Power supply

Size (W x H x D)	300 mm (11.8") x 450 mm (17.7") x 650 mm (25.6")
Weight	11 Kg (24 lbs)
Rated Voltage	100-240 VAC
Frequency	50-60Hz
Power Consumption	60W
Electrical Class	IEC 60601-1 Class I

*Digital filters
**Optional accessory