

drs

Digital Retinography System



A new technology
for retinal assessment.



presenting DRS

DRS is the new frontier of non-mydratic, digital retinal imaging. Thanks to its fully automated operation, DRS requires minimal operator training. Its compact, ergonomic design and low power flash help ensure patient comfort.

DRS is conceived to maximize patients flow and it is entirely operated through its intuitive touch-screen interface.

It supports single- or multi- field acquisition protocols, providing seven different, standardized, 45° fields.

DRS senses the patient, self-aligns to the target eye, focuses the retina, adjusts the flash level and captures the image in less than 30 seconds.

Benefits

- Extreme ease of use: patient auto-sensing, auto-alignment, auto-focus, auto flash adjustment, auto-capture
- Compact & clean design
- Short exam time: captures both eyes in 1' (single field)
- High quality images
- Multiple fields acquisition
- Minimal training required
- No additional PC required
- Touch-screen operation
- Internet-native



technical specifications

Retinal Imaging

- Field of view: 45° x 40°
- Non mydriatic operation (4.0 mm minimum pupil size)
- Fixation target: 7 internal LEDs
- Operating distance: 37 mm
- Sensor size: 5 MPixel (2592x1944)
- Sensor resolution: 48 pixels/deg

Dimensions

- Weight: 19 Kg (42 lbs)
- Size: 58 x 55 x 33 cm (23' x 22' x 13')

Other features

- Patient presence sensor
- Motorized chin-rest
- Automatic alignment using two pupil cameras
- Auto-focus (adjustment range -15D to +15D)
- Auto-flash level adjustment
- Low power flash
- 10.4" touch-screen color display
- Embedded PC (160 GB hard disk)
- Wi-Fi and Ethernet connectivity

Accessories

- Power cord, spare fuses, dust cover



gallery

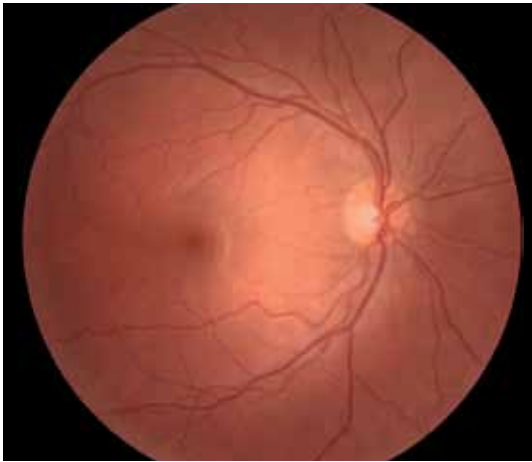


PHOTO OF YOUNG HEALTHY RETINA



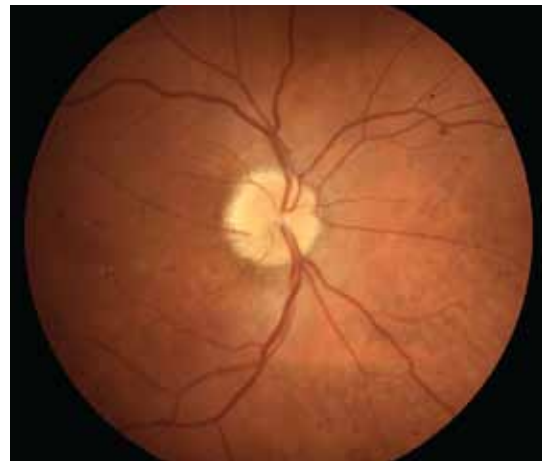
RED-FREE PHOTO OF HEALTHY RETINA



DETAIL OF THE OPTIC DISK



RETINA OF DIABETIC PATIENT





CenterVue develops highly automated diagnostic systems for the diagnosis and management of visually impairing pathologies that lead to blindness and affect large sections of the working and aging population in Western countries.

CenterVue was established in 2008 with the support of M31, a European venture incubator with headquarters in Italy and operations in Silicon Valley, CA. M31 is active in the medical equipment, optical technologies, embedded systems, and wireless spaces.

A privately owned company, CenterVue combines the agility of a startup with the solid structure of an established organization: it features in-house research, product development, quality management and regulatory affairs, marketing, sales and post sales assistance. CenterVue is on the leading edge of technology integration and offers a solution that integrates with state-of-the art telemedicine packages. With hundreds of installations worldwide, we make it possible to save patients' sights.

Visit www.centervue.com to know more.



The **Eye Knowledge Network** is an online service specifically conceived for eyecare professionals to find, share and discuss clinically relevant ophthalmic information in the form of data, images and videos. The platform is structured as a virtual meeting place and knowledge