NFC-600

Automated Portable Retinal Camera

Portability

Montage

DICOM

DICOM

3D Tracking

Crystalvue

www.crystalvue.com.tw

Automatic Image Capture

With automatic 3D tracking and focusing, the retinal images can be captured by single tap. The full-auto-shot function shortens exam time, which not only simplifies the examination process for doctors and nurses, but also reduces the discomfort or strains for patients.

Easy to Operate, Easy to Selfie

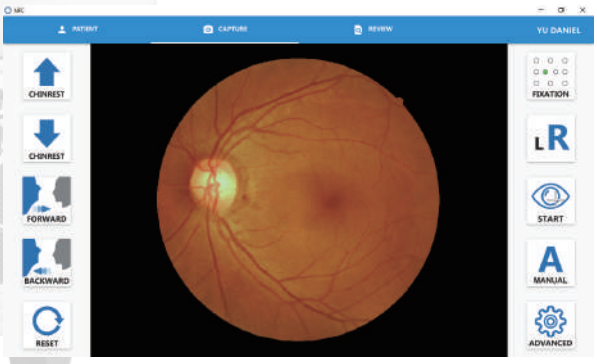
NFC-600 can be easily connected to any Windows-based PC or laptop with simple USB connection. It also provides more flexibility for users to run the examination by either sides. The automatic image capture and same-side control make it possible to take one's retinal images by themselves.

Enhanced Portability

With compact design, NFC-600 can be easily carried and set up. Simple USB interface offers flexible connectivity to operate the retinal camera. The head and body are designed to be detachable for better portability. There's also an optional customized suitcase for NFC-600 which increases mobility.

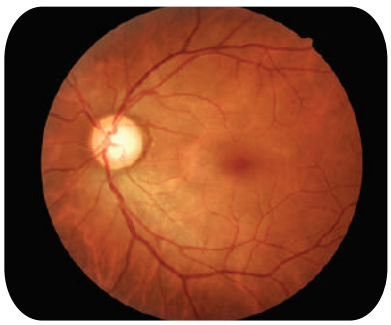
User-friendly Interface

The user-friendly interface design makes it simple and easy for anyone to operate. The instruction and icon are clear and straightforward. There are also more than 10 built-in languages for users to select.

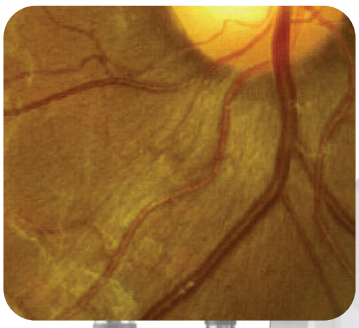


High Quality Retinal Image

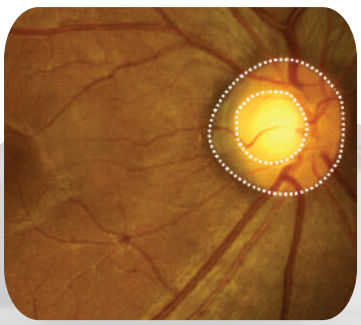
With high resolution of 12 million pixels, NFC-600 captures and generates high quality retinal images. It provides retinal diagnostic staff and AI systems more precise and helpful information, which increases diagnostic accuracy and efficiency. The image can be enlarged to see tiny details. Users can also change colors or apply photo effects to the image for different purposes.



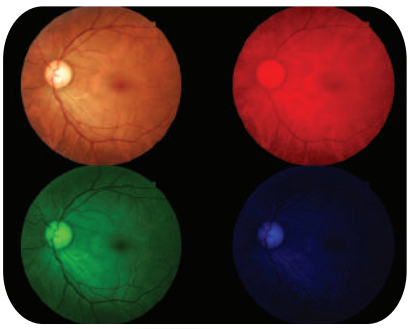
Standard Picture



Zoom to see tiny details



Cup-to-disc Function



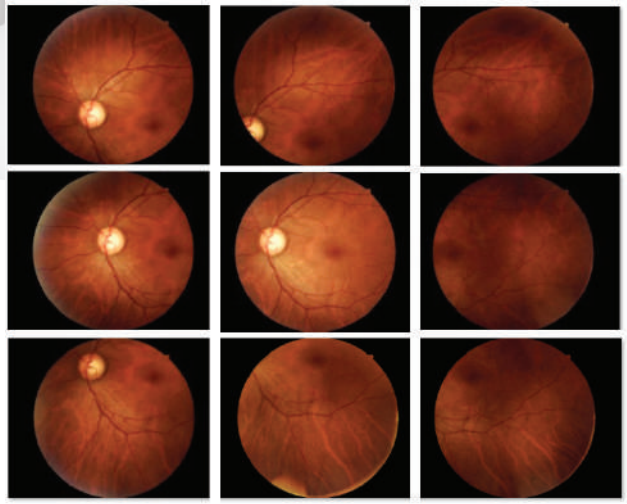
RGB

Digital Red Free

Negative Film Image

Selectable Fixation Targets and Montage

Ten internal fixation targets are selectable. The disc, fovea, macular, or other peripheral retina areas can be captured by selecting the specified fixation.



SPECIFICATIONS

Type	Digital non-mydriatic retinal camera
Type of photography	Color, digital red-free
Image format	JPEG, PNG, DICOM (optional)
Field of view	45 degrees
Min. pupil size	4.0 mm
Working distance	25 mm
Focus adjustment range	-15D to +10D (without compensation lens) -30D to -10D or +5D to +30D (with compensation lens)
Flash intensity	10 levels, can be set manually
Light source	Observation light source: Infrared LED Flash light source: White LED
Image	12 MP
Montage	Built-in Montage up to 3 images
Eye fixation	Internal 10 points
Alignment	Automatic 3D tracking
Chinrest	Motorized
Interface	USB 2.0
Power input	AC 100V to 240V, 50/60 Hz, auto selected
Dimensions	240 (W) x 320 (D) x 330 (H) mm
Weight	12 kg

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