

NFC-700

Fully Automated Non-Mydriatic
Retinal Camera



3D Tracking



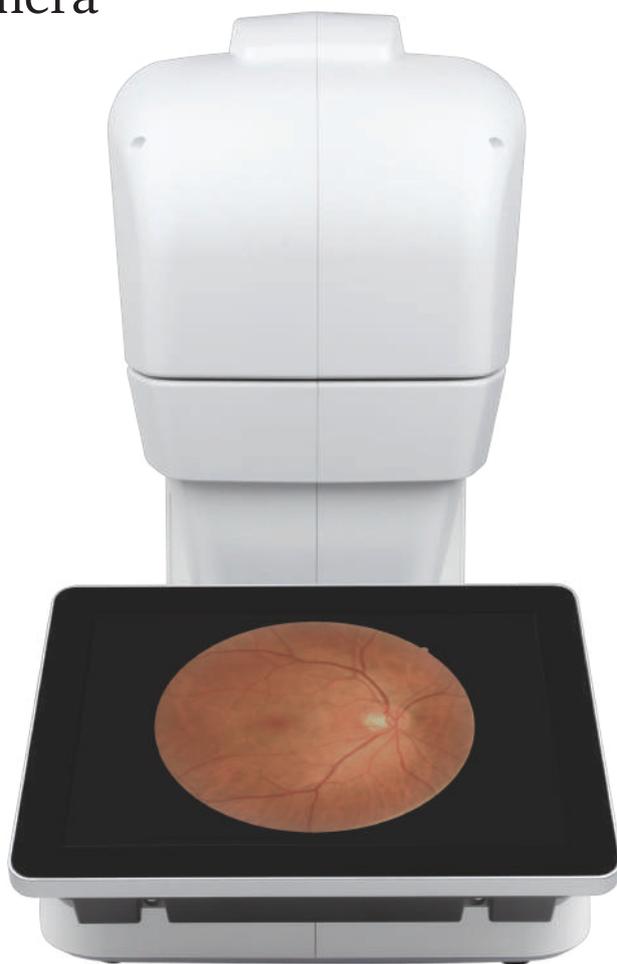
Montage



DICOM



Touch screen



Fully 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.



All-in-one with Built-in Computer

NFC-700 is equipped with Windows 10 OS computer. Users are able to view, edit, and record all the information via NFC-700 without the need to connect other external devices.

Large 10.1" Touch Screen

The large 10.1" touch screen makes it easier for users to operate. Also, image details could be seen and checked more directly and precisely through large screen. Touch panel is easy to control. Simply zoom in and zoom out to see the high quality images with two fingers.

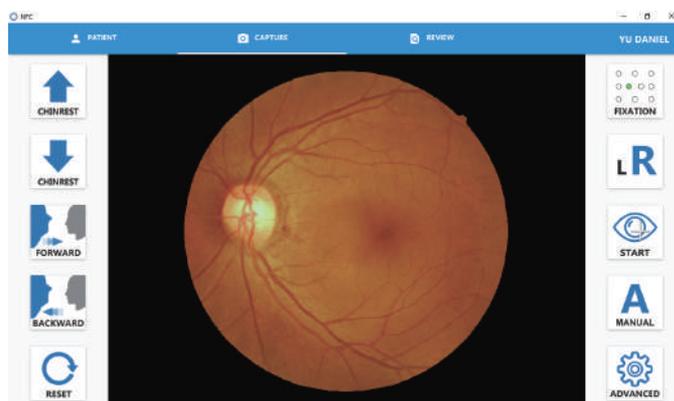
Enhanced Connectivity



Users are able to store, retrieve, archive and share the digital images by USB drives or LAN. NFC-700 is also DICOM compliant, making it easy to integrate with PACS program. Users can transfer, print out or share retinal information through Ethernet, HDMI or USB.

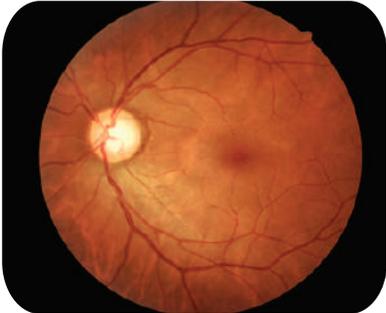
User-friendly Interface

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

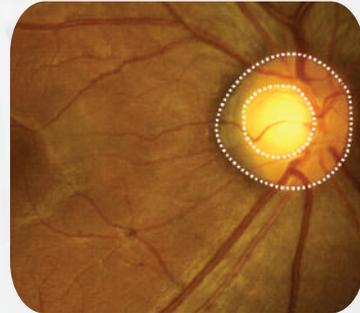
With high resolution of 12 million pixels, NFC-700 captures and generates high quality retinal images. It provides retinal diagnostic staff and AI systems more precise and helpful information, which increases diagnostic accuracy and efficiency. The image can be enlarged to see tiny details. Users can also change colors or apply photo effects to the image for different purposes.



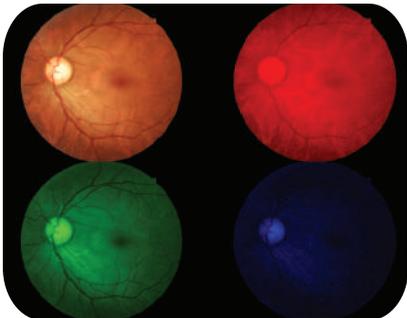
Standard Picture



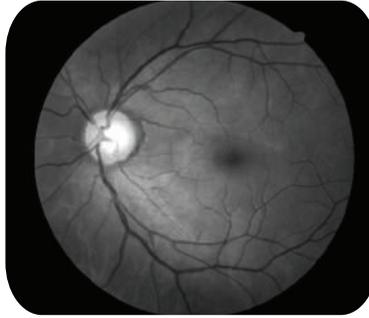
Zoom to see tiny details



Cup-to-disc Function



RGB



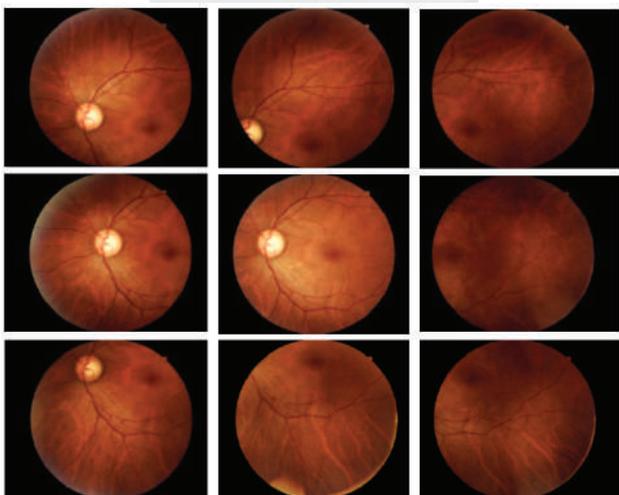
Digital Red Free



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-mydratic retinal camera
Type of photography	Color, digital red-free, anterior eye image
Image format	JPEG, PNG, Dicom (optional)
Field of view	45 degrees
Minimum pupil size	4.0 mm
Working distance	25mm
Focus adjustment range	-15D to +10D (without compensation lens) -30D to -10D or +5D to +30 D (with compensation lens)
Flash intensity	10 levels, can be set manually
Light source	Observation light source: Infrared LED Flash light source: White LED
Auto exposure	Yes
Image	12MP
Eye fixation	Internal ten points
Alignment	Fully automatic 3D tracking
Chinrest	Motorized
Networking capability	Yes
Interface	USB2.0, Ethernet, HDMI
Power supply	AC 100V to 240V, 50/60/Hz, auto selected
Operating Environment	Temperature: 10°C to 35°C Humidity: 30% to 90% (no condensation)
Dimensions (WxDxH)	282 mm x 485 mm x 492 mm
Weight	17Kg