# NFC-600

## Automated Portable
## Retinal Camera

Portability

Montage

DICOM

DICOM

3D Tracking

## 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.
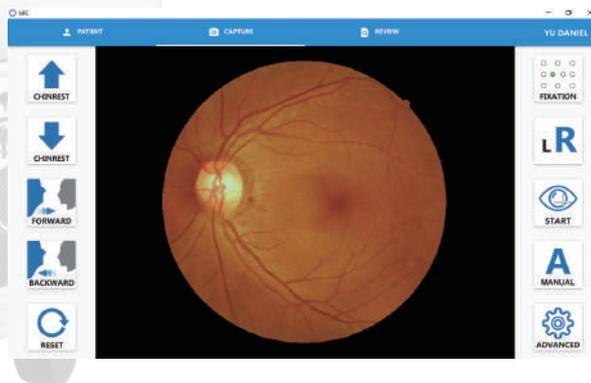
## Enhanced Portability

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.
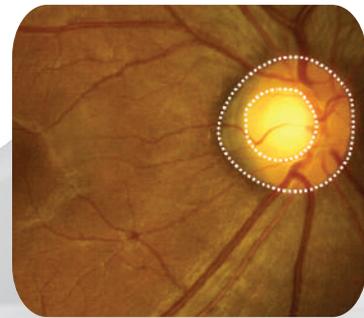
# High Quality Retinal Image

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.
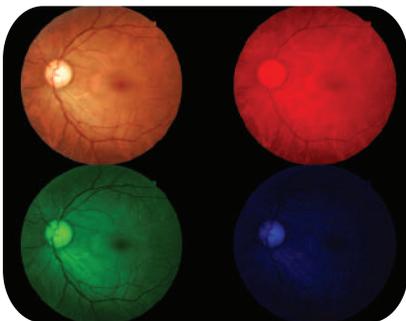


Standard Picture



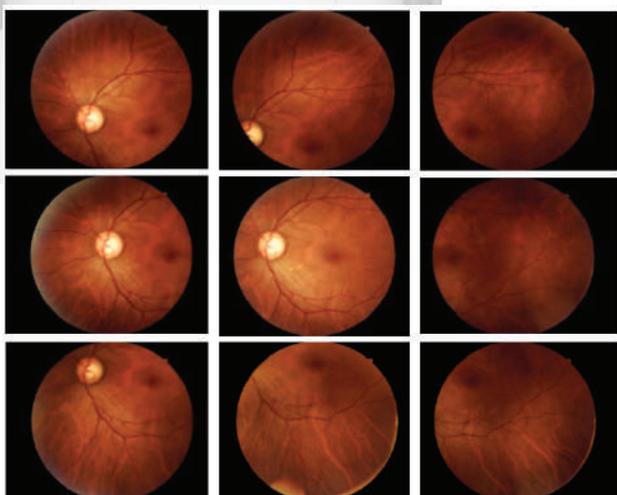Zoom to see tiny details



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)<br>-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<br>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 | 260 (W) x 330 (D) x 330 (H) mm |
| Weight | 12 kg |