

RetiCam 3100

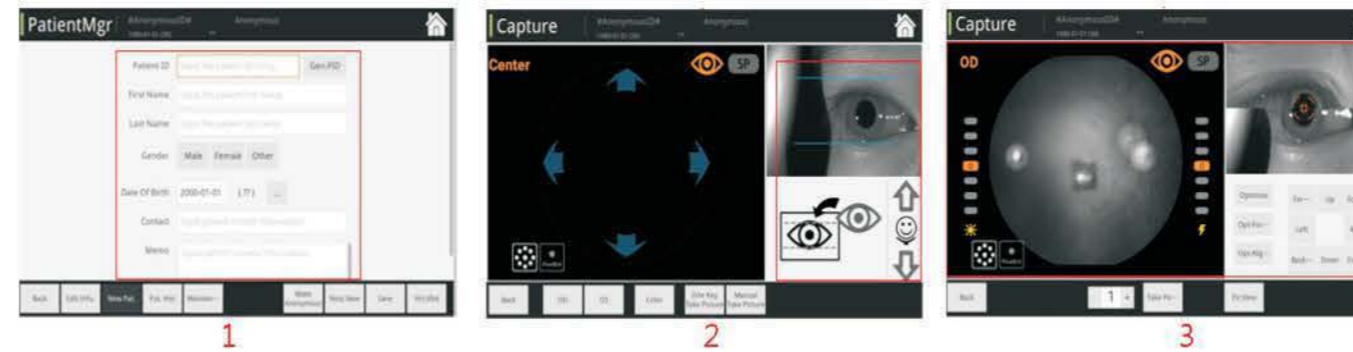
- * One touch image acquisition
- * Fast and accurate autofocus
- * Non-mydriatic and auto exposure



Smart operation -automatic ,easy, and fast



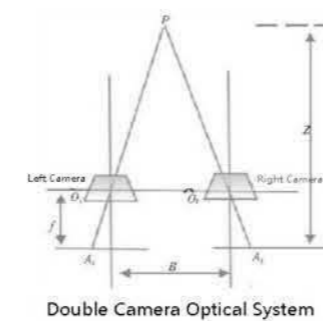
- * 10.1-inch TFT touch screen
- * Simple as one, two, three:



- One: Enter patient information
- Two: Choose the eye (OD or OS) and move the pupil between two line marks
- Three: Click "Take Picture"

The image will be ready in seconds.

dual-camera system- eyes of the device



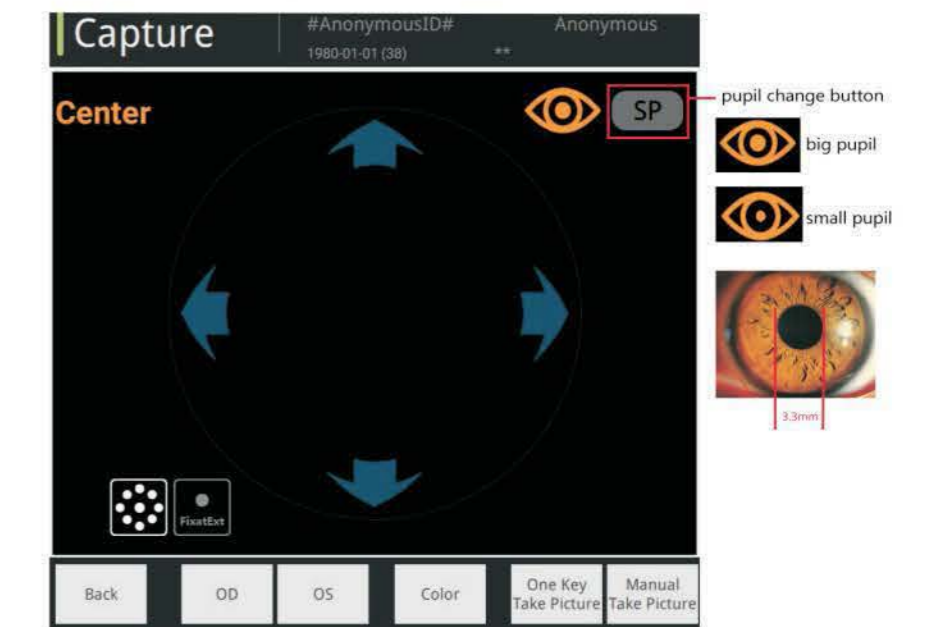
Dual-camera system is like eyes of the device. It searches and locates the pupil for fast and accurate autofocus.

soft lighting- advanced optical technology



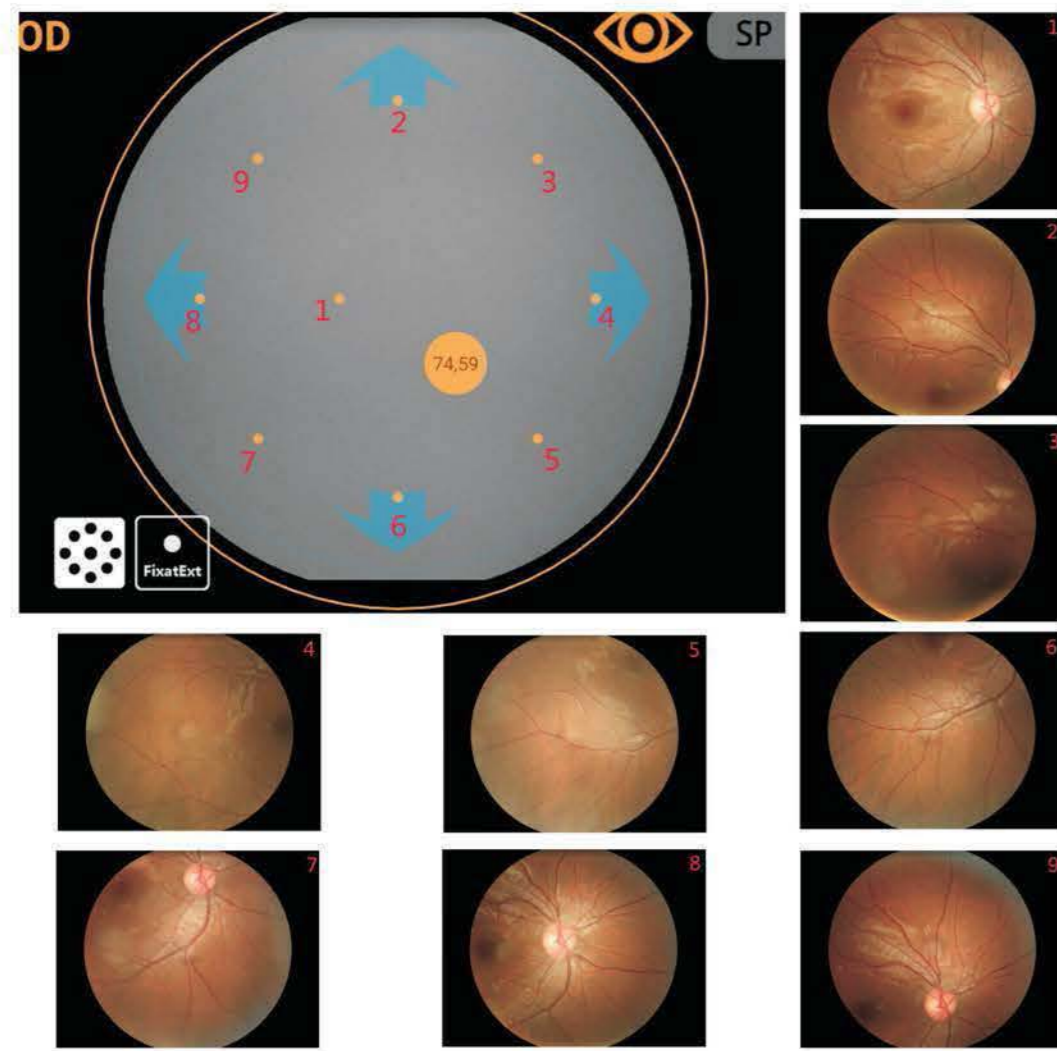
Soft lighting reduces the constriction of pupil caused by the illumination. Satisfactory images can be obtained even in two consecutive exposures.

non-mydriatic design- minimum pupil size of 3.3mm



The fundus image can be acquired for pupils as small as 3.3mm in Small Pupil Mode, which is appropriate for patients who have small pupils.

135°wide field - 9-position mosaic device



Mosaic function can generate the fundus image up to 135°field of view from 9 images of 50°field width each. More fixation points are distributed between 9 internal fixations shown.

quality components-step motor

High quality step motors reduce noise effectively and create a quiet environment for the patients and operators.

multifunctional software system

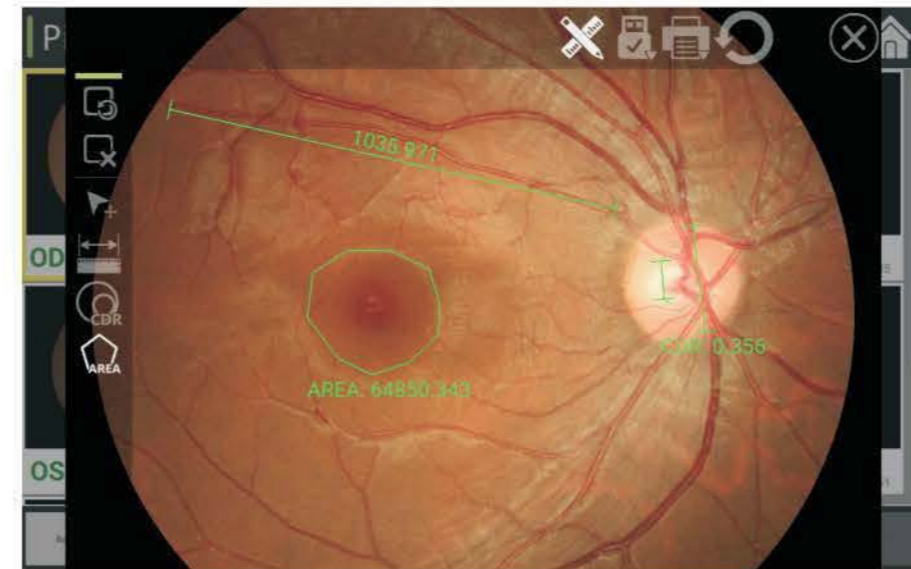


image analysis

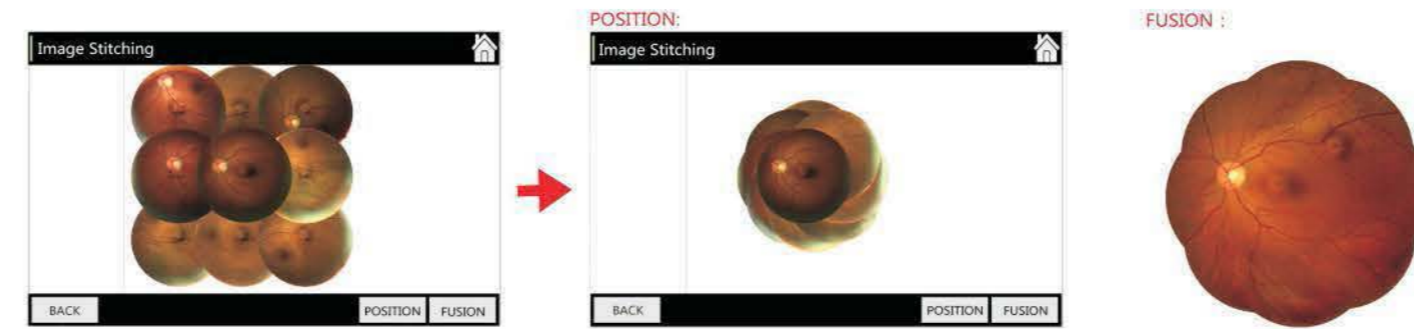
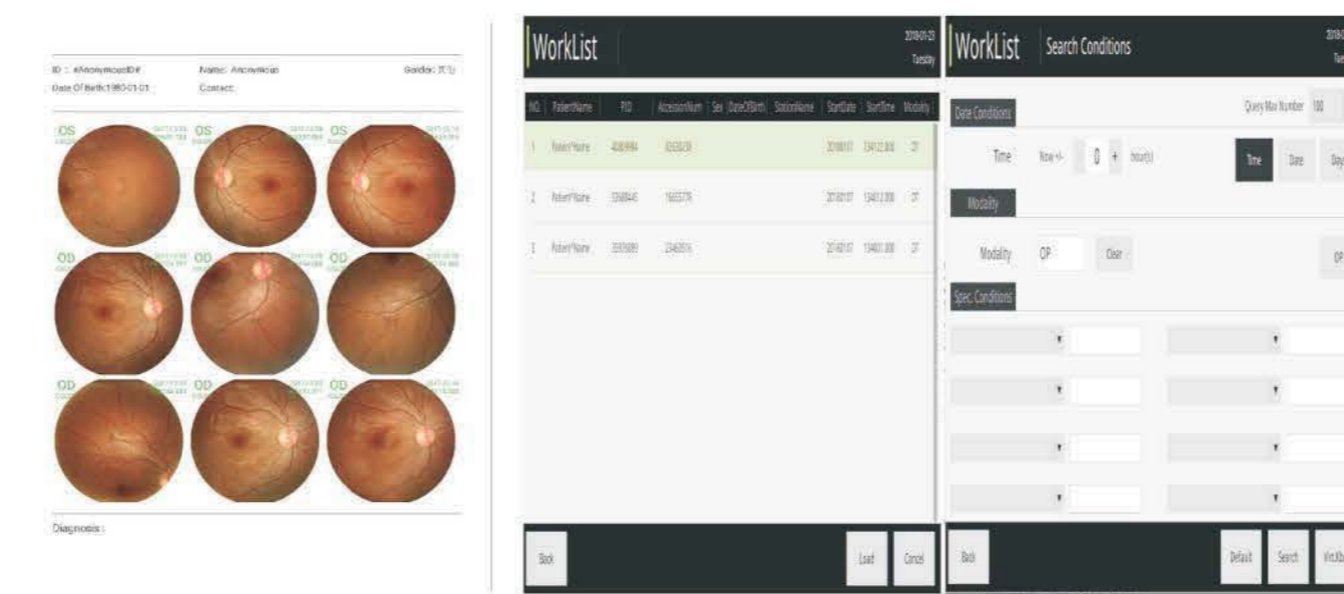


Image stitching



Report printing

DICOM 3.0

Specification

Image acquisition system	
Acquisition modes	Non-Mydriatic/mydriatic photography Anterior segment photography Fundus fluorescence angiography (option)
Field of view	50°
Minimum pupil size	≥ 3.3mm
Focus modes	Auto/manual
Exposure modes	Auto/manual
Operation	Auto
Image acquisition time	Within 10seconds
Image resolution	18 megapixels
Working distance	35mm
Diopter compensation	±25D
Fixation	External fixation/internal fixation
DICOM 3.0	Yes
Autofocus assist light	Infrared LED
Dimensions	380mm(L)x550mm(W)x475mm(H)
Weight	26.5kg
Power supply	100-240v 50/60HZ

*Note: Specifications and design are subject to change without notice.