Specification

Image acquisition system	
Acquisition modes	Non-mydriatic/ mydriatic
Field of view	50°
Working distance	17mm
Minimum pupil size	≥2.8mm
Focus modes	Auto /manual
Exposure modes	Auto /manual
Operation	Auto /manual
Photography	SLR camera
Camera	CCD
Diopter compensation	±25D
Fixation	External fixation / internal fixation
Autofocus assist light	Infrared LEDED
DICOM 3.0	Yes
Customization AI port	Yes
Others	
Dimensions	380mm (L) × 550mm (W) × 475mm (H)
Weight	23.5kg
Power supply	100-240V 50/60Hz

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

Chongqing Bio NewVision Medical Equipment Ltd. www.fortune-newvision.com

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SYSEYE

RetiCam 3100 (Mini)

Non-mydriatic Automatic Fundus Camera

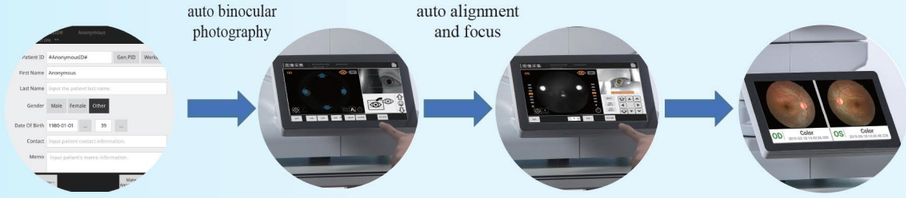
RetiCam 3100 Non-mydriatic automatic fundus camera

* One-key click, picture acquired automatically
* Automatic chinrest adjusting, pupil searching and alignment
* Non-mydriatic, automatic focus and exposure
* DICOM and AI system are available

Intelligent operation-automatic/simple/fast

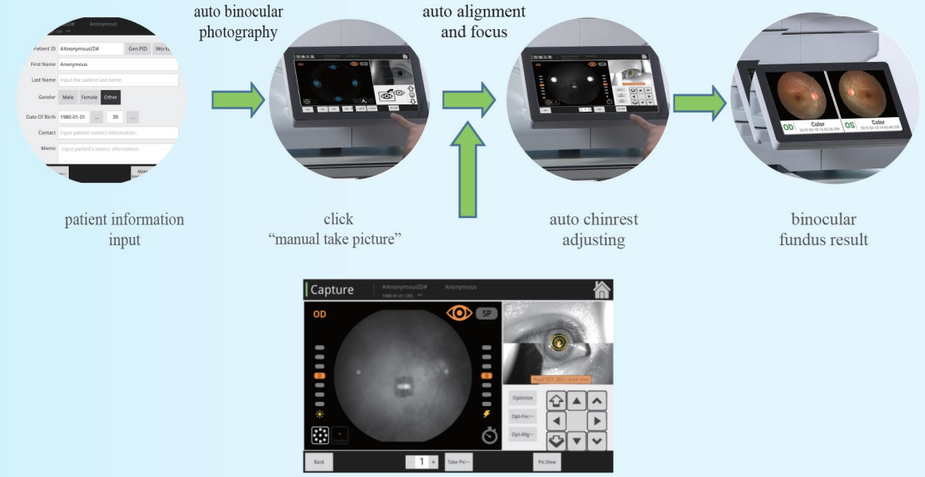
Automatic mode

automatic alignment and focusing, getting both eye high-definition images by one key touch.



Manual mode

In this case auto mode is not possible or special area photography, manual operation can help alignment, focus, flash, diopter compensation through screen touch

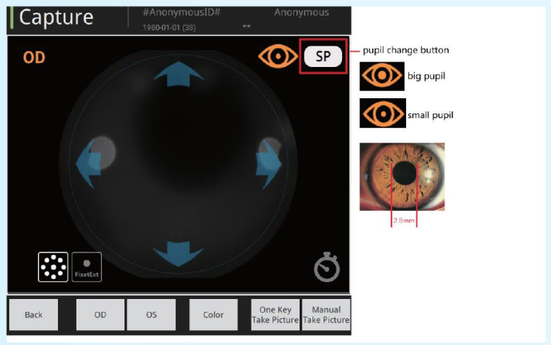


Soft lighting-advanced optical technology

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

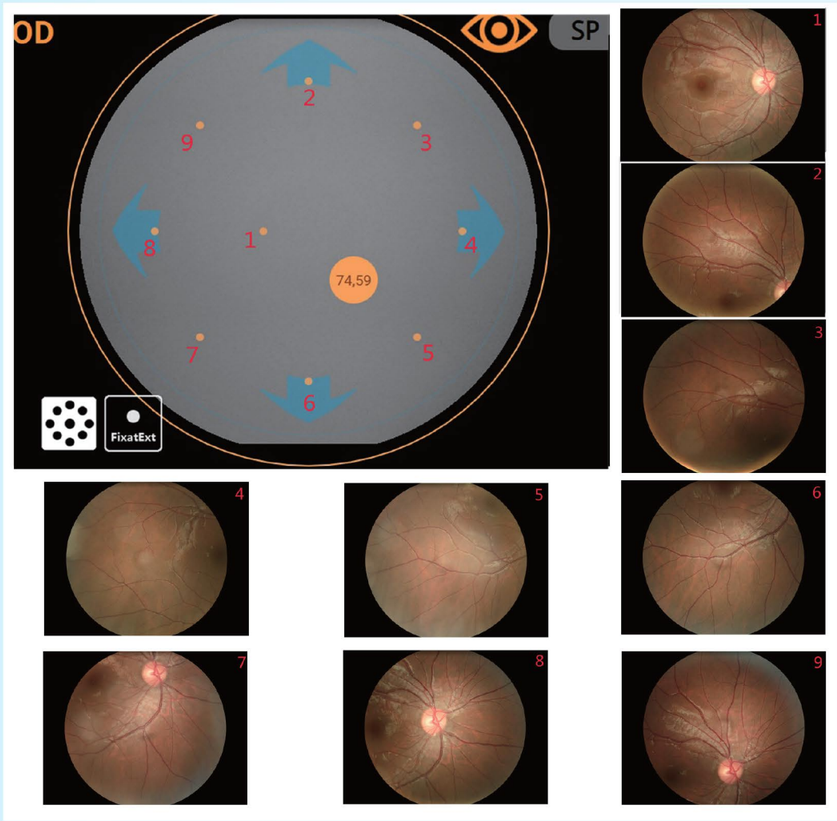
Non-mydriatic design - minimum pupil size of 2.8mm

* The fundus image can be acquired for pupils as small as 2.8mm in Small Pupil Mode, which is appropriate for patients who have small pupils.



135°wide field - 9-position mosaic

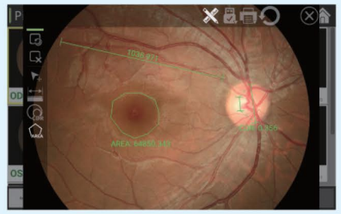
* Mosaic function can generate the fundus image up to 135°field of view from 9 images of 50°field width each. More fixation points are distributed between 9 internal fixations shown.

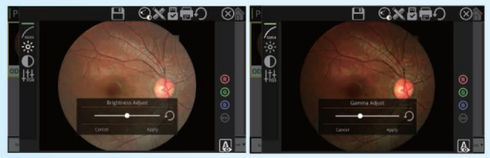


Multifunctional software system

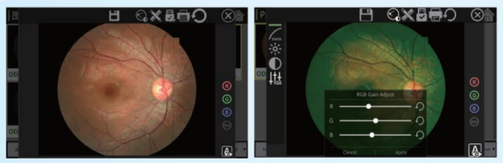
* Powerful image processing function, aquire lesion area and cup disc ratio easily

Gamma, contrast, brightness, color of image can be adjusted, according to doctor requirement,





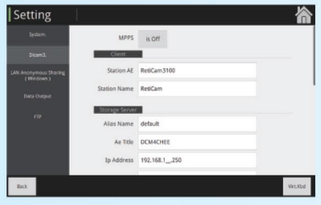
brightness gamma



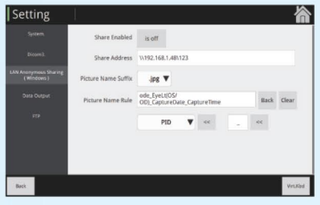
contrast RGB

DICOM 3.0 LAN \ USB expand port

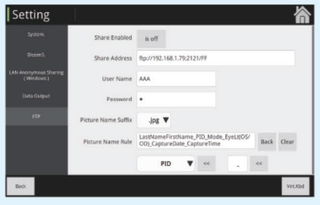
* Support DICOM agreement,connect hospital PACS system.
* LAN sharing,any computer terminal can real-time display image taken by host.
* USB expand storage.
* Remote transmission via FTP system.



DICOM 3.0

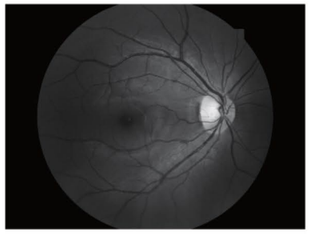


LAN sharing



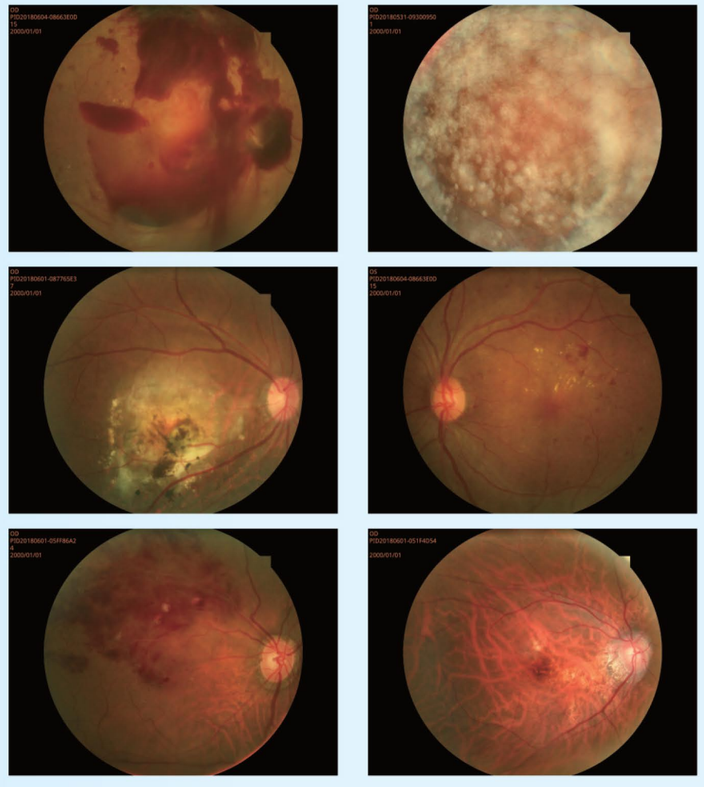
FTP

Upgraded configuration , more detail acquisition



red-free

FFA (first automatic one with FFA in the world)

FAF (first automatic one with FAF)

Quality first, HD image