

# KT-3100

Non-mydriatic Automatic Fundus Camera

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## Non-mydriatic Automatic Fundus Camera

One-key click, picture  
acquired automatically

Automatic chinrest adjusting,  
pupil searching and  
alignment

Non-mydriatic, automatic  
focus and exposure

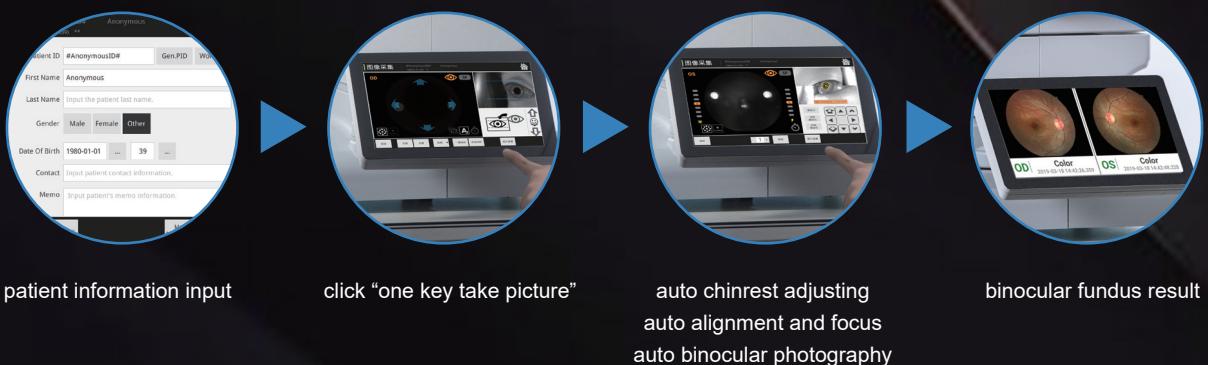
DICOM and AI system  
are available



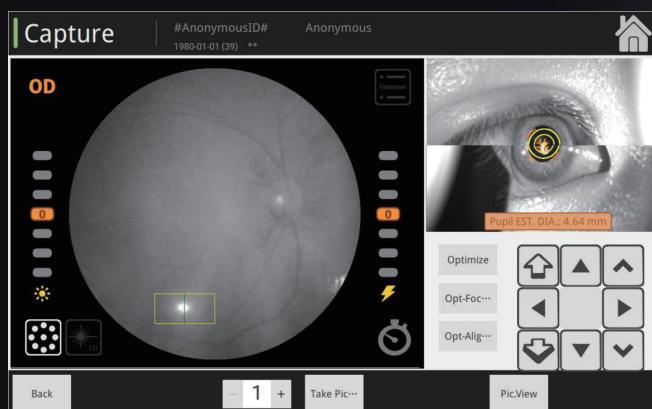
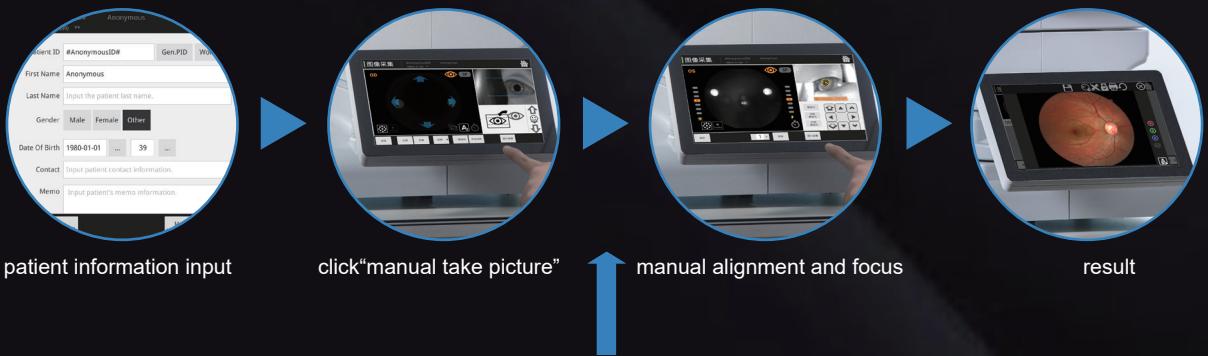
# Intelligent operation

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

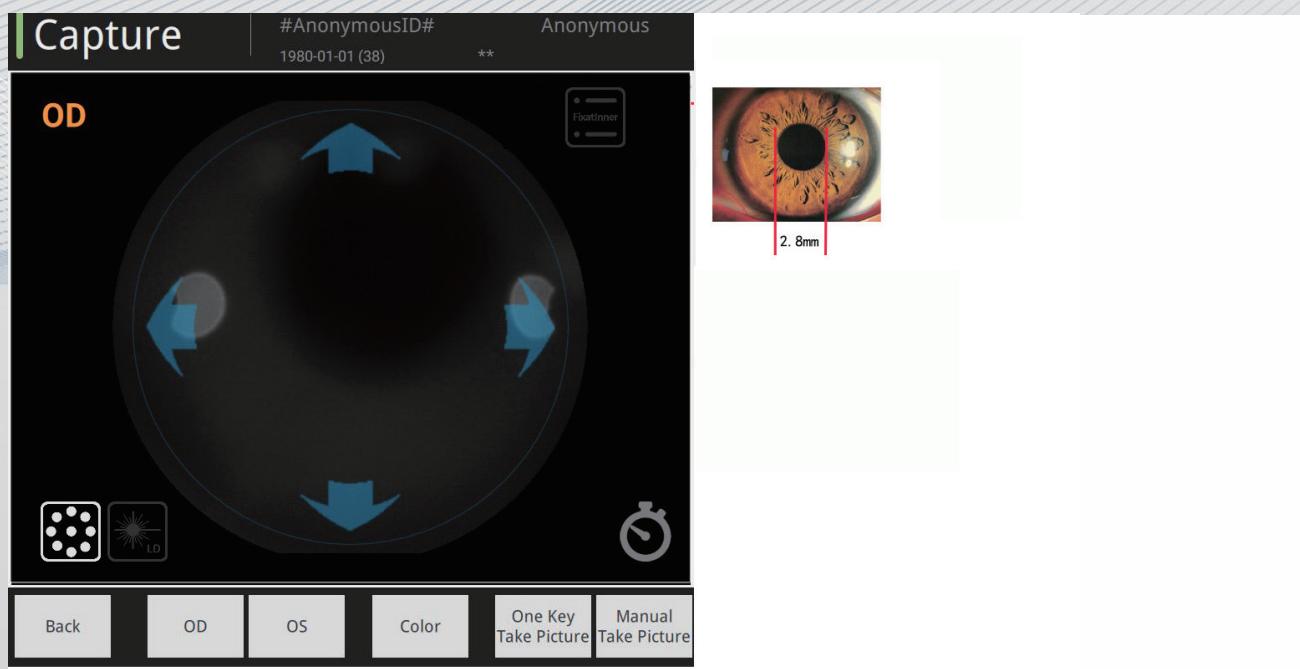
\*Soft lighting reduces the constriction of pupil caused by the illumination. Satisfactory images can be obtained even in two consecutive exposures.



# Non-mydriatic design

## minimum pupil size of 2.8mm

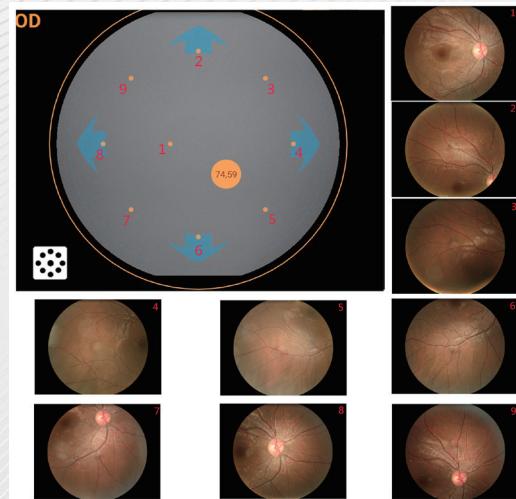
\*The fundus image can be acquired for pupils as small as 2.8mm, which is appropriate for patients who have small pupils.



# 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.



# Dual-camera system

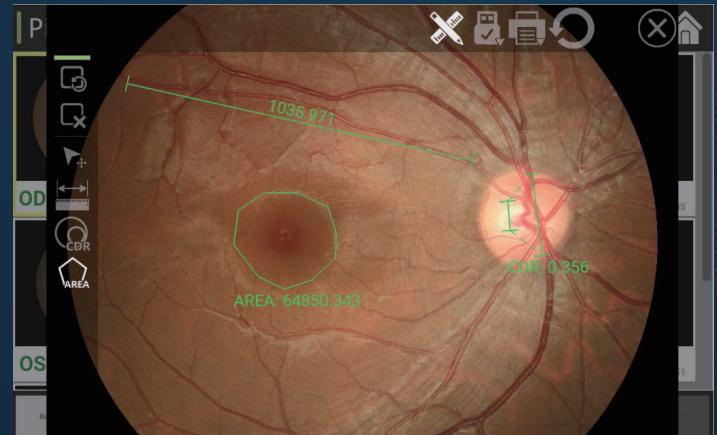
## eyes of the device

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



# Multifunctional software system

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



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



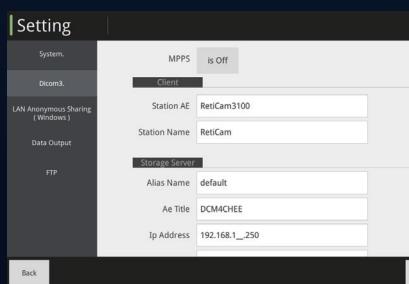
## DICOM 3.0 LAN、USB expand port

\*Support DICOM agreement, connect hospital PACS system.

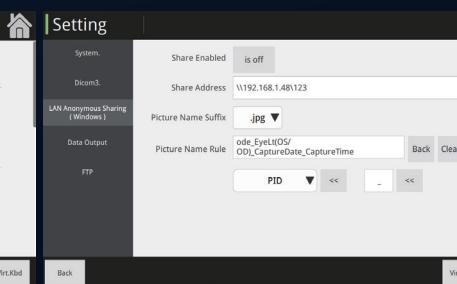
\*LAN sharing, any computer terminal can real-time display image taken by host.

\*USB expand storage.

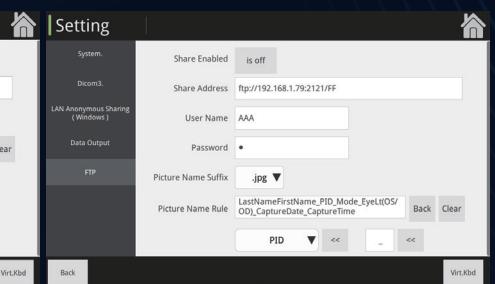
\*Remote transmission via FTP system.



DICOM 3.0

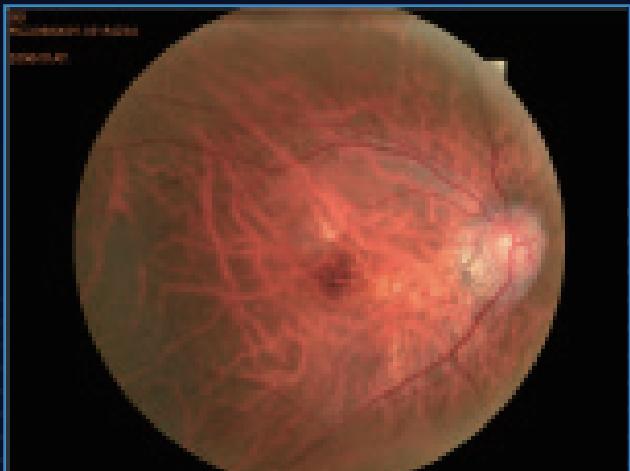


LAN sharing



FTP

# Quality first, HD image



# SPECIFICATION

Image acquisition system	
Acquisition modes	Non-mydriatic/ mydriatic
Field of view	50°
Working distance	13mm
Minimum pupil size	≥2.8mm
Focus modes	Auto/manual
Exposure modes	Auto /manual
Operation	Auto /manual
Photography	SLR camera
Resolution	5megapixels
Diopter compensation	±25D
Fixation	Internal fixation
Autofocus assistance	Dual camera
DICOM 3.0	Yes
Customization AI port	Yes
Others	
Dimensions	280mm(L)x559mm(W)x460mm(H)
Weight	21kg
Power supply	100-240v 50/60HZ

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