# Portable Fully Automatic Non-Mydriatic Fundus Camera

- Large Screen & Real-time Display
- DICOM systems empowers safety and efficiency
- 360° Screen Rotation
- AI enabled

Newly Upgraded


eyerobo® FC

## FUNCTIONS


## EYEROBO FC INTELLIGENT CAMERA

Voice-Guided Operation

Build-in Darkroom

Auto Focus

Artificial Intelligence

Seated Capture

One-Touch Capture

Low-Intensity Flash

## AN INTELLIGENT NON-MYDRIATIC FUNDUS CAMERA

eyeroboFC takes a color fundus photo of both eyes in less than 40 seconds with one click of a selfie. Patients can sit or stand, the device is lightweight and portable. The DICOM system technology enables efficient and intelligent interfacing with various medical systems, instant uploading of fundus image data information, ensuring database security and stability, and achieving one-stop vision management for doctors and patients.


## Product Advantages

- Real-time display on large screen
- Weighing only 6KG, it is portable and suitable for various medical scenarios
- 360° rotation
- Adaptable to all types of medical systems
- Easy to operate: can be learned in 10 minutes
- One-piece Design: Independent Use
- Touchscreen Display: 10.1inch
- AI: AI interfaced
- Visual Field Angel: Circular
- Minimum Pupil Diameter: 3mm
- High Resolution 13MP

## EXAMPLES OF FUNDUS PHOTOS

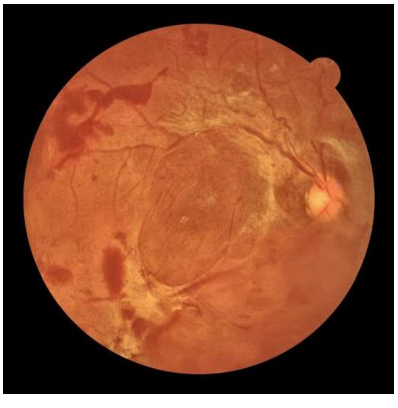

Tigroid fundus or tessellated fundus


Macular hole

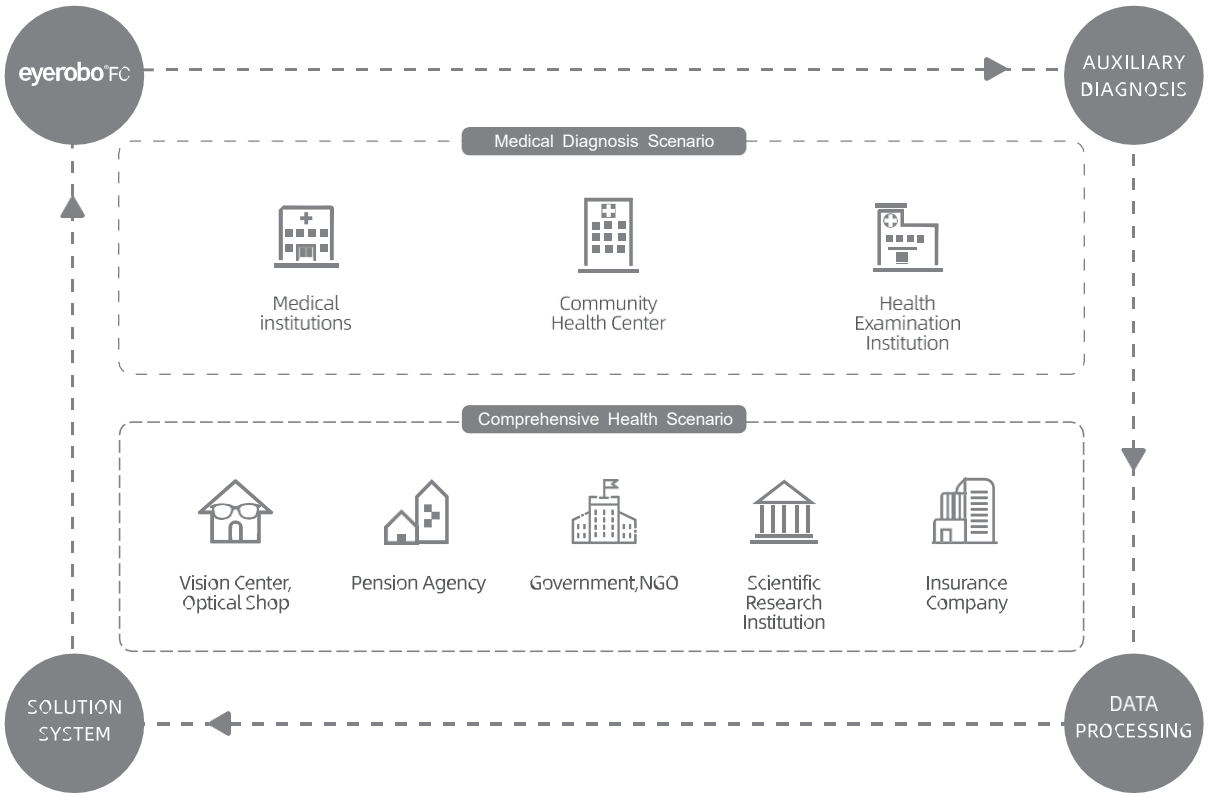

Macular geographic atrophy


Diabetic retinopathy


Retinal hemorrhage


Proliferative diabetic retinopathy

## APPLICABLE SCENARIOS




## PRODUCT SPECIFICATION

| | |
|---|---|
| Product model: iFLASH-I SMART, iFLASH-I PLUS | Image color: Color, black and white |
| Image acquisition: Non-mydriatic | Language: Chinese and English |
| Field angle: 50° | Internal Storage: 16G |
| Field of view: 3 field of view shooting (7 field of view supported) | Voice navigation: Yes |
| Size: 435(L) x 220(W) x 262(H)mm | Minimum pupil diameter: 3mm |
| Weight: ≈6kg | Working distance: 21mm |
| Operation mode: Fully automatic, manual | Focus range: -20D~+20D |
| Exposure mode: Auto | Fixation lamp: Built-in |
| Focusing mode: Auto | Power supply: 220V~50Hz |
| Display: 10.1 inch multi-touch LCD | Remote function: Flexible configuration of intelligent image management systems |
| Camera pixels: 13 Million NEW | Comes with easy to carry case with wheels |

# ABOUT US

Eyerobo is a high-tech company dedicated to intelligent devices and big data management in eye health. We are committed to promoting the integration of diagnosis devices and technology worldwide, the combination of smart diagnosis devices and mobile digital healthcare, the establishment of the intelligent diagnostic IoT platform, and the launch of intelligent ophthalmic testing hardware that covers various inspection items required for routine ophthalmic diagnosis. Our equipment covers all required information in a general eye examination. We have one United States utility patent, three Chinese invention patents, and ten patents for utility models in China.

Through DICOM system technology, the format and data definition of fundus images are unified, making it easy for different manufacturers and types of equipment to share and exchange medical image data information. The company empowers hospitals and various institutions to provide online and offline eye health screening, management, and auxiliary diagnostic tools for doctors and patients, improve medical efficiency,and build a "doctor-patient-smart device" commercial closed-loop. We are committed to solving the pain points of primary ophthalmology diagnosis and screening and serving every patient and doctor with new ophthalmic technology.

# FUNDUS HEALTH

## [FUNDUS RETINOPATHY]

Approximately one third of people with diabetes worldwide have some stage of diabetic retinopathy (DR), and by 2030, approximately 193 million people will have DR, which is already the leading cause of blindness worldwide.

## [IMPORTANCE OF FUNDUS SCREENING]

Fundus photography is a basic ophthalmological examination. It not only shows eye diseases, but also can be used for detecting coronary heart disease, diabetes, hypertension and other systemic diseases.

Coronary heart disease　　Diabetes　　Hypertension

## [SHORTAGE OF OPHTHALMOLOGISTS]

With approximately one ophthalmologist for every 39,000 people worldwide, professional ophthalmologists are a "scarce resource". There is an urgent need for low cost, easy to use, fast, intelligent and accurate fundus screening devices.