

NON-MYDRIATIC FUNDUS CAMERA

eyerobo[®]

Large Screen & Real-time Display

Multi-scene Screening Platform

360° Screen Rotation



ABOUT US



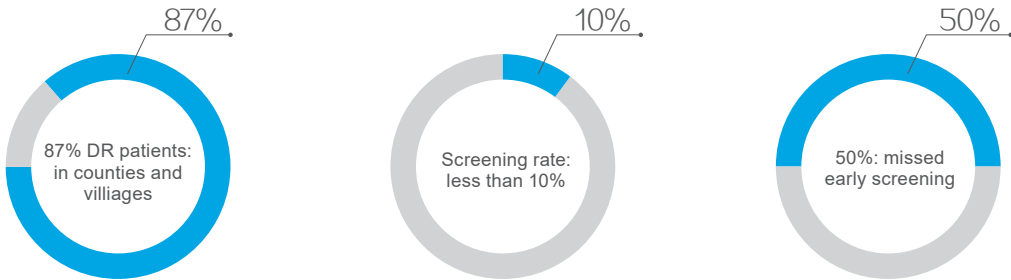
Hangzhou Tongchuang Medical Technology Co., Ltd. is a high-tech company dedicated to intelligent devices and big data management in eye health. We are committed to promoting the integration of diagnosis devices and technology, the combination of smart diagnosis devices and mobile digital medical, and the establishment of intelligent Internet of Things diagnosis platform in eye health. Our equipment covers all required information in general eye examination. We have one United States Utility Patent and ten Patent for Utility Model in China.

We use cloud computing and big data cloud platform to offer online and offline eye screening, management and diagnosis. We help to promote the tiered medical service system, to improve medical efficiency, and to constitute a closed-loop of "doctor-patient-smart device". We are dedicated to solving the pain points in diagnosis and screening in eye at a basic level, and making the new technology can serve every patient and doctor.

FUNDUS HEALTH

[FUNDUS RETINOPATHY]

In 2020, there were 124.3 million diabetic patients over 18 in China. 87% of people with diabetic retinopathy were living in counties and villages, with few medical resources and less than 10% screening rates. Approximately 50% of people with retinopathy blindness were led by lack of early intervention.



[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.



[SHORTAGE OF OPHTHALMOLOGISTS]

In China, there are about 1.1 ophthalmologists for every 50,000 people. Ophthalmologists are scarce resources. Therefore, a fundus screening equipment with efficiency, intelligence, low-cost, and high-accuracy is ought to be invented.










FUNCTIONS

eyerobo FC is a fundus disease screening device developed by Hangzhou Tongchong Medical Technology Co., Ltd. Independently. It is a non-mydriatic and intelligent fundus camera for basic-level medical institutions.



eyerobo FC Intelligent Camera

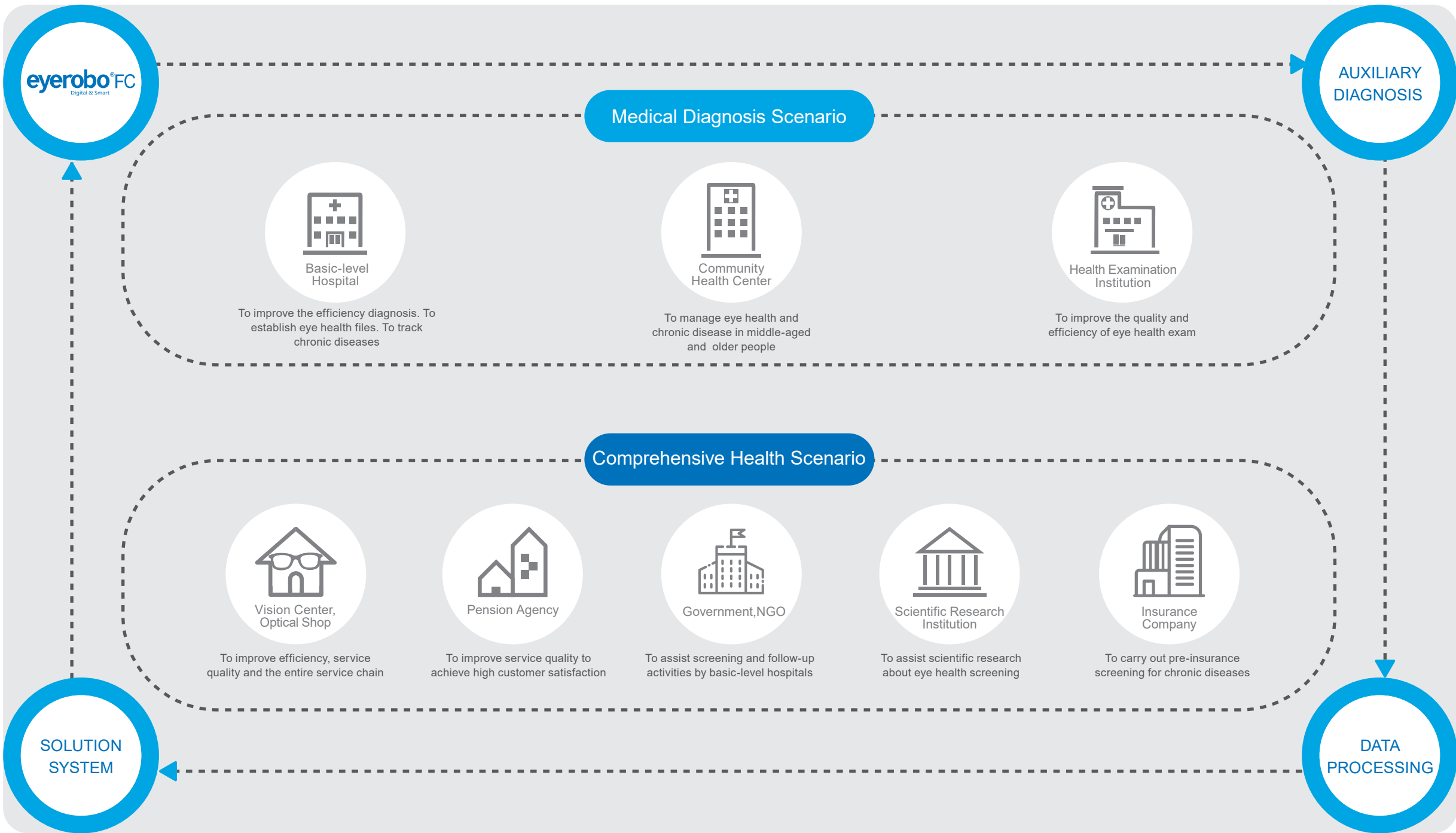
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- Voice NavigationBuild-in DarkroomAuto FocusArtificial IntelligenceSeat ShotOne-click SelfieLow Flash Intensity

An Intelligent Non-mydriatic Fundus Camera

eyerobo FC takes a colour fundus photo of both eyes in less than 60 seconds with one click of a selfie without professionals. One-stop eye health management can be achieved. eyerobo FC is suitable for basic-level health institutions, vision centers, physical examination centers, etc.



APPLICABLE SCENARIOS



FUNCTIONS

· Manufacturer	Hangzhou Tongchong Medical Technology Co., Ltd
· Product type	iFLASH-I
· Field angle	50°
· Size	410mm×205mm×260mm
· Weight	≈6KG
· Focus mode	Auto focus
· Operating mode	Auto alignment, auto focus, auto exposure, auto capture
· Pixel size	5 megapixel, full automatic
· LCD	Touch screen
· Image file format	JPEG
· Image color	Color, black and white
· Language	English
· Internal storage	16G
· Voice navigation	Yes
· Minimum pupil diameter	3mm
· Working distance	20mm
· Focus range	-20D~ +20 D
· Service life	5 years
· Battery charger	220V~, 50Hz
· Remote function	Adaptable to intelligent remote auxiliary diagnosis system
· Warranty	1 year

OPERATING PAGES



[Simple Operation Interface]
3 modes, voice navigation, one-click selfie



[60 Seconds HD Output]
Scan QR code, easy to access fundus report



[Auxiliary Diagnosis Function]
Binocular diagnosis. Intelligent and efficient.