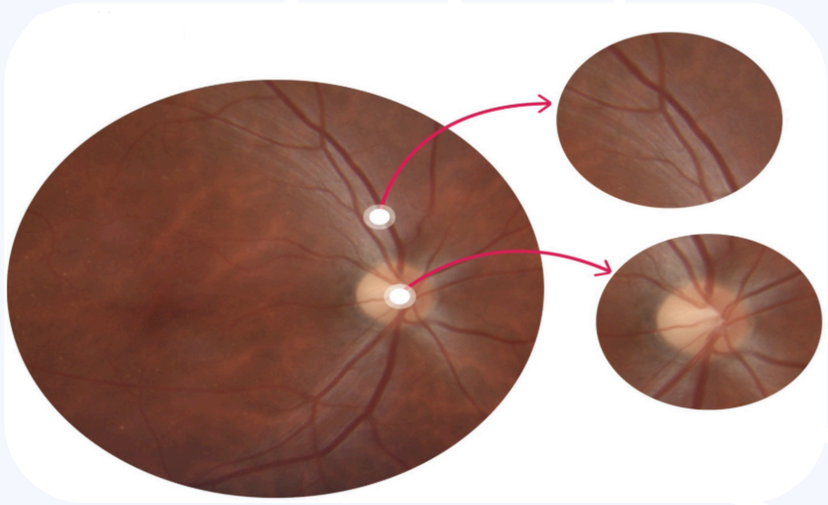
Unlock Your Health Future with One Look



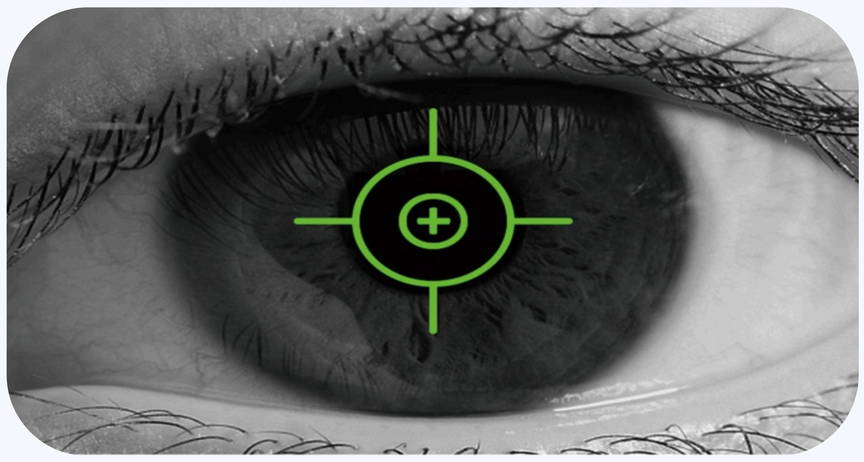
Portable AI Fundus Camera





Plug-and-play, simple operation

Real-time preview and export





Automatic focus and capture

Lightweight at only 1.5kg, easily portable

Retinal Disease & Systemic Chronic Disease Risk Assessment

Glaucoma	Diabetes Mellitus and Complications
Macular Degeneration	Hypertension and Complications
Papilledema	Myocardial Infarction
Potential Brain Tumor	Anemia, Arterial Occlusion
Other Fundus Abnormalities	Alzheimer's Disease

Portable AI Fundus Camera

image preview on external display

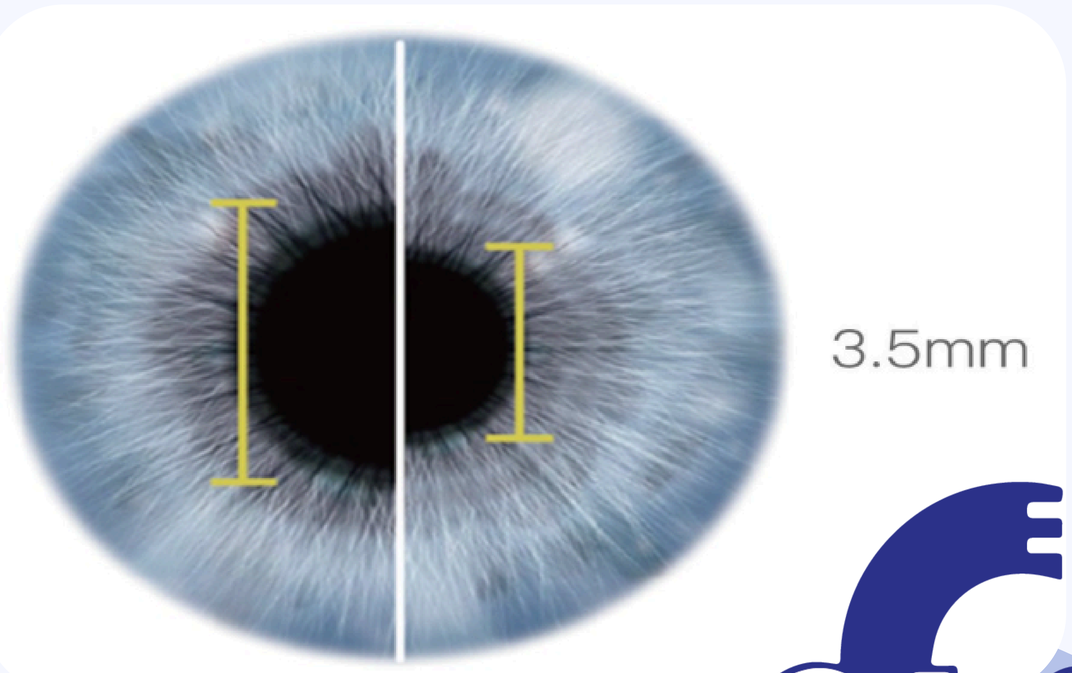
- **External device support, larger display**
- **Real-time fundus image preview**
- **Smart prompts to assist with image capture**
- **Manual image selection**
- **Quick re-capture option**



Performance parameters

- **The device intelligently detects the user's status and guides them through the imaging process via voice prompts**
- **Autofocus followed by automatic image capture**
- **Non-mydriatic imaging; supports pupils as small as 3.5 mm in diameter**





Portable Fundus Camera AI-FD16aF

Specifications

Model	AI-FD16	
size:	27mmx24mmx12mm	
weight:	1500g	
Minimum pupil diameter:	2.8mm	
Focusing mode:	Auto	
Camera pixels:	12 million	
Illumination mode:	Infrared LED	
Flash mode:	neutral white light LED	
Picture Format:	JPG	
Infrared spectrum range:	770nm~930nm	
Spectral range of white LED:	380nm~800nm	
Service life:	5 years	
Application environment	Temperature	+5°C -+40°C
	Relative humidity	10% - 90%
	Atmosphere pressure	860 hPa - 1060 Pa
Storage environment	Temperature	-40°C - +55°C
	Relative humidity	≤90%
	Atmosphere pressure	860 hPa - 1060 hPa
Transport environment	Temperature	-40°C - +55°C
	Relative humidity	≤90%
	Atmosphere pressure	860 hPa - 1060 hPa

Performance parameters

Field angle:	40 degrees
Diopter adjustment range	-15D - +15D
Internal power supply:	None
External power supply:	Power supply: 100-240V AC
Power frequency:	50Hz
Input Power:	1.0A
Relative color temperature of camera flash:	4500K≤TC≤6700K

1.Voltages and Power frequencies standard varies in different countries
2.Parameters above may change due to product upgrades or national regulations. Please refer to the user manuel comes with the package or asking our country representative for the latest version.

歐盟醫療器材品質管理系統證書
（EU MDR QMS Certificate）