

## Specification

Image acquisition system	
Acquisition modes	Non-mydriatric/ mydriatric
Field of view	50°
Working distance	15mm
Minimum pupil size	≥3.0mm
Focus modes	Auto /manual
Exposure modes	Auto /manual
Operation	Auto /manual
Photography	CMOS
Resolution	20megapixels
Diopter compensation	±15D
Fixation	Internal fixation
Autofocus assistance	Dual Camera
DICOM 3.0	Yes
Customization AI port	Yes
Others	
Dimensions	284mm ( L ) × 306 mm ( W ) × 145 mm ( H )
Weight	3.6kg
Power supply	100-240V 50/60Hz

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

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# Kestrel 300



Kestrel300 is a brand new, fully automatic, portable fundus camera with compact design, easy-to-carry features, fully automated design, and user-friendly operation. It comes equipped with a high-definition image acquisition system that allows for easy uploading of images to the cloud. With the help of AI technology, it enables artificial intelligence film reading and allows you to have access to an eye health expert anytime and anywhere.



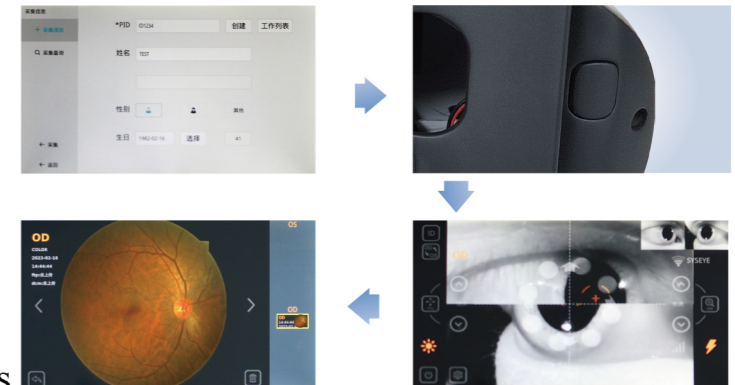
**Portable**  
Apply to any medical and health scene

- Compact appearance, net weight only 3.5Kg, highly portable;
- The Kestrel300 is applicable for large-scale population screening in hospitals, optometry centers, physical examination institutions, as well as other large health fields and scenes, such as insurance companies and pharmacies.



**Fast**  
Complete a binocular examination in 30 seconds and provide immediate results.

- The Kestrel300 features a fully automatic operation process allowing the examinee to complete a fundus examination of both eyes in just 30 seconds without requiring mydriasis. This greatly improves the efficiency of diagnosis and treatment.



**Intelligent**  
Self-service operation, artificial intelligence film reading

- built-in voice system guides users through the detection process for a self-guided experience.
- Results can be uploaded to cloud servers for AI-based image analysis.
- The Kestrel300 can help reduce the demand for healthcare professionals to perform fundus examinations and image analysis, thus addressing the shortage of ophthalmologists in primary healthcare institutions.



**High definition**  
High-definition images with 20 million pixels.

- Clear fundus imaging is crucial for the accurate diagnosis of retinal diseases. The Kestrel 300 features a built-in 20 million high-definition pixel CCD designed specifically for fundus imaging, along with an automatic focusing and exposure system that allows for perfect presentation of fundus details.

