



HANS HEISS  
PORTABLE FUNDUS CAMERA  
HFC-015

Hans Heiss



**MERCOFRAMES**  
OPTICAL CORP

✉ [salesusa@mercoframes.net](mailto:salesusa@mercoframes.net)

🌐 [www.mercoframes.com](http://www.mercoframes.com)

📍 5555 NW 74 AVE.  
MIAMI, FL. 33166

📞 P: 305-882-0120  
F: 305-882-0140

## Get to know the retina

Eyes are the windows of soul and also the only non-invasive way to inspect retina, choroid, blood vessels, nerves and so on.

FC162 captures binocular fundus images in a fully automatic way( auto alignment, auto focus, auto voice interaction). Generate AI diagnosis report(supported by 3rd party case screening system) to analyze multiple retinal diseases, diabetes, cardiovascular and neurological diseases (such as brain tumors, anemia, etc.). Only 2 mins needed to capture images and get report, super smart solution for early detection and intervention for various diseases.

### 30 Seconds Obtaining Binocular Retina Images



Scan the QR code, system will align pupil and start capture



Capture binocular retina images under voice interaction



Automatically get the retinal images and generate AI Diagnosis Report (supported by 3rd party)



Split Focusing Technology



15 Mega Pixels



50° Field of View



Smart Diagnosis

# Wide-field fundus imaging

**9 Fixation Targets** - 90° field of view enables early detection of peripheral retinal pathology.

## Specifications

Type	Non-mydratic
Field of View	50°
Camera Resolution	15 mega pixels
Fixation	Internal fixation
Minimum Pupil Size	3mm
Illumination	LED
Focusing	Auto focusing
Diopter Adjustment Range	-20D~+20D
Display	5" LCD touch screen
Image Format	JPEG,DICOM
Type of image	Color
Storage	16G
Data	WIFI
Battery	47.52Wh
Power Supply	~100V-240V, 50-60Hz 1.2A-0.5A
Battery Life	4 hours(Differs under variable environment and circumstances)
Dimension	32cm × 21.5cm × 12.5cm
Weight	2.7kg
Language	Chinese, English

## Standard Accessories

Automatic Fundus Camera ×1  
Eye Mask ×1 pack  
Power Adapter ×1  
Battery ×1  
Portable Case ×1