

Type	Digital non-mydratric
Type of photography	Color, digital red-free, anterior eye image
Image format	JPEG, PNG, Dicom (optional)
Field of view	45 degrees
Minimum pupil size	3.8 mm
Working distance	25 mm
Focus adjustment range	-15D to +10D (without compensation lens) -35D to +30D (with compensation lens)
Flash intensity	10 levels, can be set manually
Light source	Observation light source: Infrared LED Flash light source: White LED
Auto exposure	YES
Image	12 MP
Eye fixation	Internal ten points
Alignment	Fully automatic 3D tracking
Chinrest	Motorized
Networking capability	YES
Interface	USB2.0, Ethernet, HDMI
Power supply	AC100V to 240V, 50/60Hz, auto selected
Operating Environment	Temperature: 10oC ro 35oC Humidity: 30% to 90% (no condensation)
Dimensions (WxDxH)	282 mm x 485 mm x 492 mm
Weight	17 kg



Distributed by Retina Labs USA Inc.  
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# OPTOMED POLARIS®

Automatic fundus imaging...and more



3D tracking



Capture



Can be integrated  
with AI



Touch screen

# OPTOMED

## POLARIS®

1. Fully automatic non-mydratric retinal camera
  - High success rate with minimal operator training
2. Large 10.1" touch screen
  - Easy handling and clear visualization
3. Small foot print and low weight
  - Suitable for clinics of any size
4. Superior optical performance
  - 12 MP high resolution sensor
  - 45 deg Field of View
  - 3.8 mm minimum pupil size
5. Variety of practical features
  - 10 internal fixation targets
  - Anterior imaging
  - Cup-to-disc measurement
6. Easy connection to software solutions
  - Can be integrated to AI for analysis of DR, AMD, and Glaucoma
  - WLAN and USB connections for image transfer and various ways of handling image data are supported by the camera.



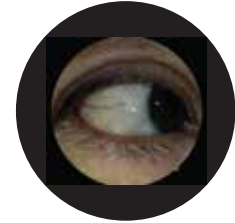
COLOR



CUP-TO-DISC



CORNEAL  
IMAGE



DIGITAL  
RED FREE

