

*Daytona  
plus*



A Nikon Company



Building *The* Retina Company

# Innovative Technology

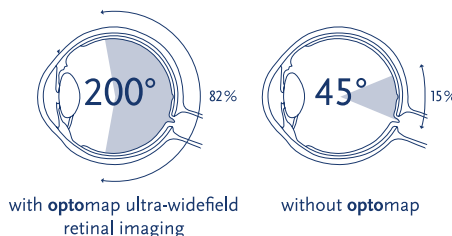
Only Optos ultra-widefield technology can capture a 200° view (or 82%) of the retina in a single, high resolution **optomap**® image in less than ½ second.

## FEATURES

- Non-mydratric, non-contact imaging through 2 mm pupils and many cataracts.
- High image resolution shows fine detail across the retina (optic disc, macula and periphery).
- Enhanced optics improve the resolution in the inferior and superior fields
- 3-in-1 Color Depth Imaging™. Unlike white light, low powered laser wavelengths scan simultaneously allowing review of retinal substructures in their individual laser separations:
  - Color.
  - Sensory (red free).
  - Choroidal.
- Autofluorescence imaging with green laser light displays lipofuscin in the RPE.
- Eyesteering further extends the field of view past the vortex vessels, in some cases.
- Stereo disc imaging.
- 3D wrap for patient education.
- DICOM compatible.
- Innovative software tools enhance image evaluation.
- Images are available immediately and stored electronically for future comparison or for use in telehealth applications.

Images are displayed in a consistent geometry which accurately represents anatomical features across the retina. Automatic image registration enables pixel to pixel comparisons of images across modalities and from visit to visit.

# Daytona plus



## BENEFITS

### Improves Practice Efficiency and Economics:

Studies show that **optomap** images are faster to capture and easier to review than traditional patient examination techniques.<sup>1,2</sup> **optomap** enables practitioners to differentiate their practice and an additional revenue stream can be generated.

### Enhances Clinical Decision-making:

Early signs of many ocular pathologies and diseases may first present in the retinal periphery and can go undetected using conventional techniques and equipment. More than 400 published and ongoing clinical trials as well as thousands of case studies and testimonials show the long-term value of **optomap** imaging in diagnosis, treatment planning and patient engagement.

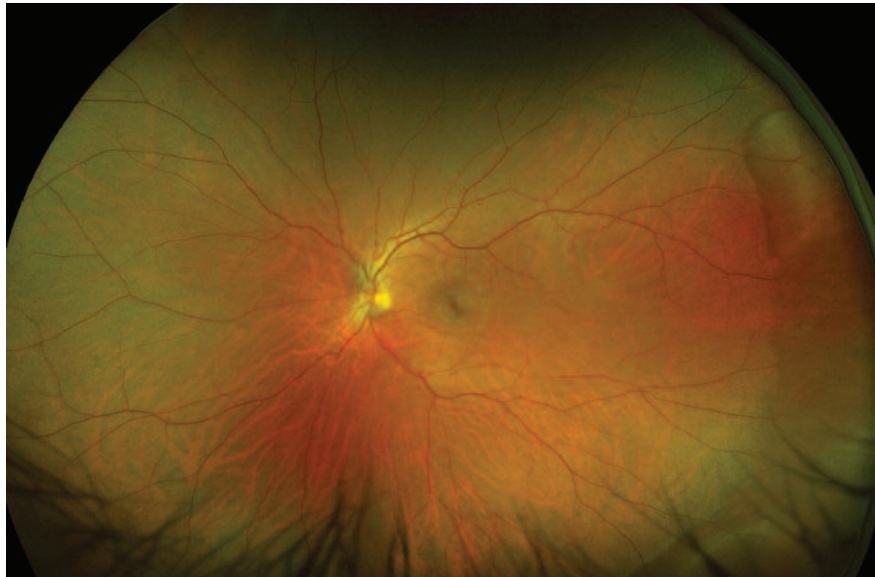
### Helps Prevent Vision Loss through Technological Innovation:

**optomap** technology can image pathology past the vortex vessels, helping practitioners find disease sooner and manage it more effectively.

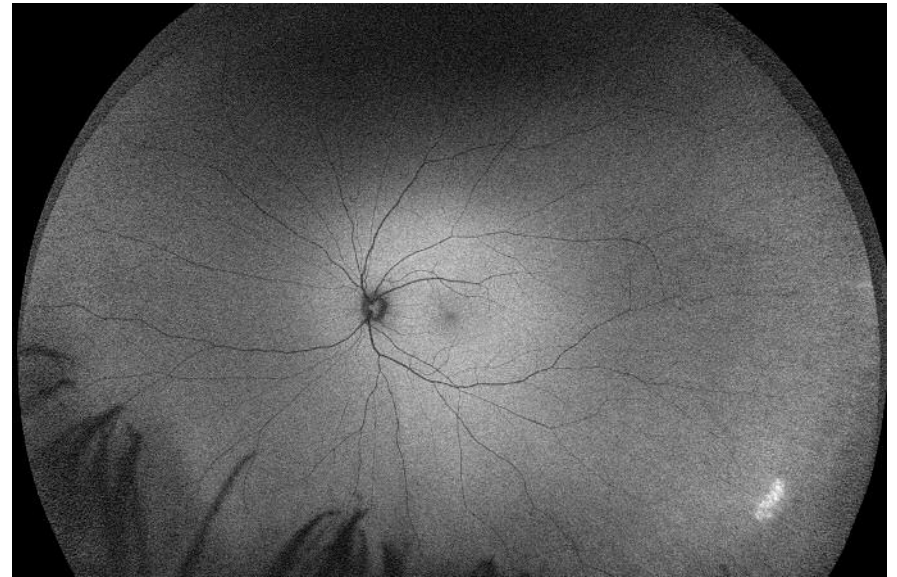
### OptosAdvance

Daytona *plus* comes with OptosAdvance™ browser-based software providing simple documentation, monitoring and referral processing to assist in patient management and improved patient flow. OptosAdvance also features auto-montage which enables a series of images to be montaged to show up to 220° (97%) of the retina. Measurement features allow quick and easy distance and area measurements.

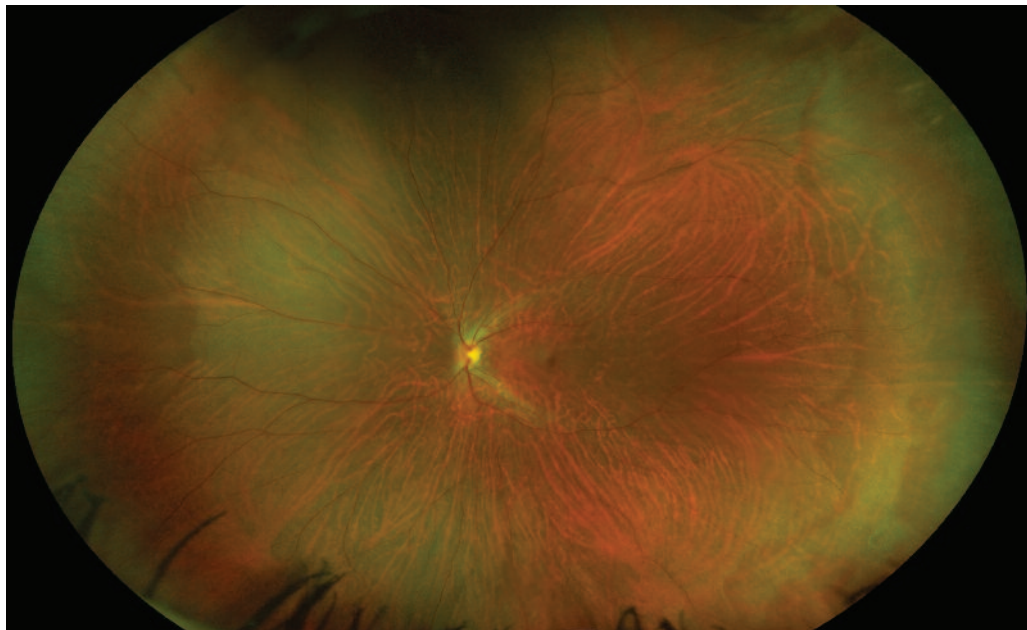
1. Nonmydratric Ultrawide Field Retinal Imaging Compared with Dilated Standard 7-field 35mm Photography and Retinal Specialist Examination for Evaluation of Diabetic Retinopathy. American Journal of Ophthalmology. 2012  
2. Real-Time Ultrawide Field Image Evaluation of Retinopathy in Diabetes Telemedicine Program. Diabetes Care. 2015.



optomap *color*



optomap *af*



Auto-Montage

*“optomap is exceptional for imaging peripheral pathology that we were unable to document in the past. It facilitates our observations of diabetic changes in the far periphery and enables patients to see and understand these critical changes. We now often find earlier, subtle signs of disease in otherwise asymptomatic diabetic patients. The AF modality is particularly valuable in this capacity.*

*We use **optomap** images in discussions with our patients, and as a result have seen better patient compliance and retention. Routine use of **optomap** has helped me advance my practice through increased retention and referrals, as well as, through an improved patient flow that allows me to see 6-7 more patients daily.*

*This technology greatly affects quality of care. The ultra-widefield view makes examining the periphery easier thus facilitating disease detection and maximizing quality time with my patients.*

**Scott Segal, MD**  
Pasadena Eye Associates, Texas, USA

## TECHNICAL SPECIFICATIONS

|  |   |
|--|---|
| TRADE NAME   | Daytona <i>plus</i>   |
| MODEL NAME   | P200T   |
| MODEL NUMBER   | A10600  |
| IMAGING MODES  | Color view<br>Sensory view (red-free)<br>Choroid view<br>Autofluorescence <i>af</i> |
| RESOLUTION   | optomap: 20 µm<br>optomap <i>plus</i> : 14 µm                                       |
| LASER WAVELENGTHS  | Red laser: 635 nm<br>Green laser: 532 nm  |
| EXPOSURE TIME  | Less than 0.4 seconds   |
| FOOTPRINT  | Width: 440 mm/18 in<br>Depth: 500 mm/20 in<br>Height: 795 mm/32 in                  |
| WEIGHT   | 28 kg/62 lbs  |
| TABLE SPACE REQUIREMENTS<br>(not including wheel position) | Width: 887 mm/35 in<br>Depth: 600 mm/24 in  |
| COLORS   | Black body with red trim<br>White body with red trim<br>White body with silver trim |
| LASER CLASS  | Laser safety class-1 following EN60825-1 and 21 CFR1040.10 and 1040.11.             |
| SYSTEM VOLTAGE   | US: 100-120V at 50/60Hz, 3A<br>EU/AU: 200-240V at 50/60Hz, 1.5A                     |
| POWER CONSUMPTION  | 300VA   |
| COMMUNICATION PROTOCOL                                     | DICOM Compatible  |



Optos is a leading provider of innovative solutions for comprehensive retinal evaluation, enabling practitioners to more effectively detect and monitor ocular pathology and promote patient health.

NOTE: Specifications are subject to change without notice.



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