

*Daytona
plus*



A Nikon Company



Building *The* Retina Company

INNOVATIVE TECHNOLOGY

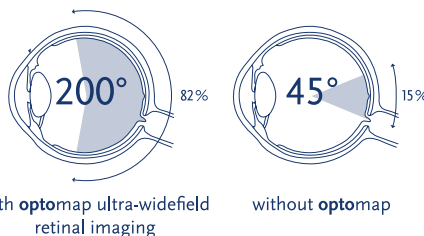
Only Optos ultra-widefield technology can capture a 200° view (or 82%) of the retina in a single, high resolution **optomap**® image in less than ½ second.

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.^{1,2} **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.

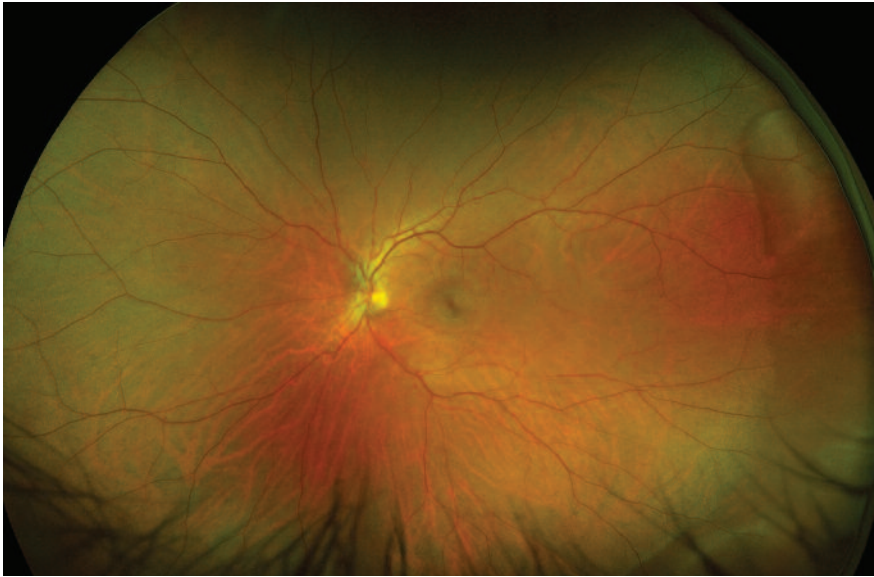
Helps Prevent Vision Loss through Technological Innovation:

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

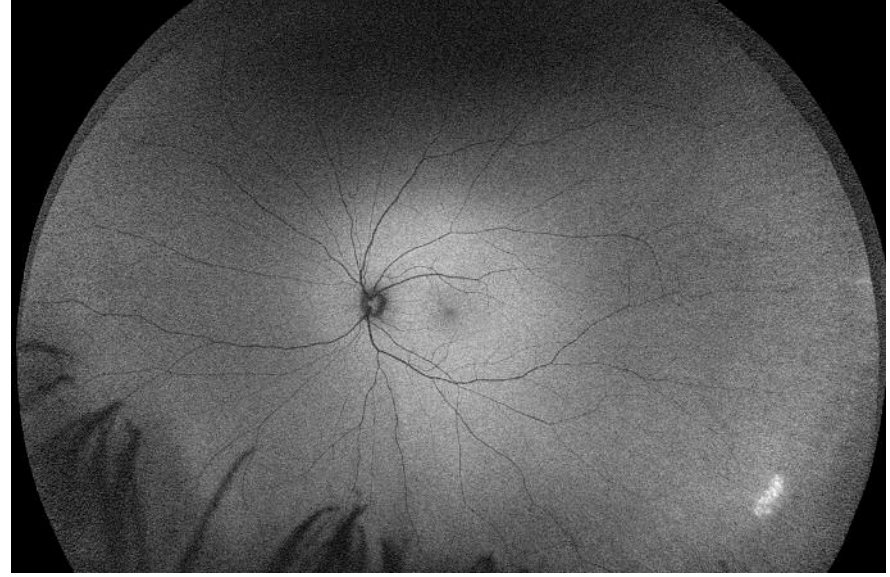
OptosAdvance

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.

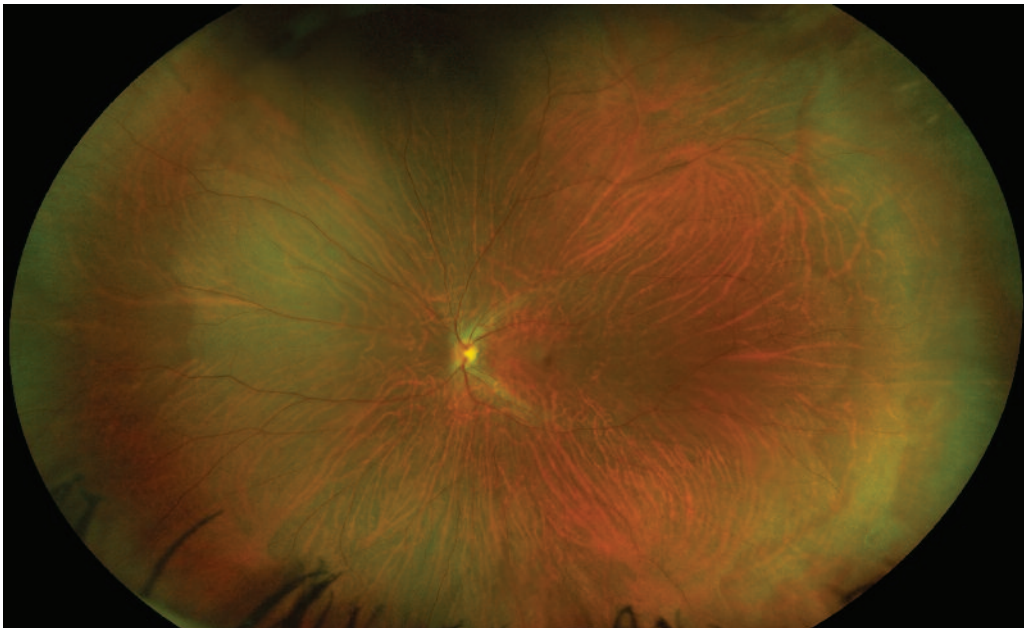
1. Nonmydratric Ultrawide Field Retinal Imaging Compared with Dilated Standard 7-field 35mm Photography and Retinal Specialist Examination for Evaluation of Diabetic Retinopathy. American Journal of Ophthalmology. 2012
2. Real-Time Ultrawide Field Image Evaluation of Retinopathy in Diabetes Telemedicine 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 Sensory view (red-free) Choroid view Autofluorescence <i>af</i>
RESOLUTION	optomap: 20 µm optomap <i>plus</i> : 14 µm
LASER WAVELENGTHS	Red laser: 635 nm Green laser: 532 nm
EXPOSURE TIME	Less than 0.4 seconds
FOOTPRINT	Width: 440 mm/18 in Depth: 500 mm/20 in Height: 795 mm/32 in
WEIGHT	28 kg/62 lbs
TABLE SPACE REQUIREMENTS (not including wheel position)	Width: 887 mm/35 in Depth: 600 mm/24 in
COLORS	Black body with red trim White body with red trim 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 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.



Optos plc
Queensferry House
Carnegie Campus
Enterprise Way
Dunfermline, Fife
Scotland KY11 8GR
Tel: +44 (0)1383 843350
ics@optos.com

Optos, Inc.
500 Nickerson Road
Suite 201
Marlborough, MA 01752
USA
Call Toll-free (US & Canada): 800-854-3039
Outside of the US: 508 787 1400
usinfo@optos.com

Optos Australia
10 Myer Court
Beverley
South Australia 5009
Tel: +61 8 8444 6500
auinfo@optos.com

