

Daytona



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Daytona produces a 200° single-capture optomap® retinal image of unrivaled clarity in less than ½ second. This fast, easy, patient friendly, ultra-widefield (UWF™) imaging technology was designed for healthy eye screening and has been shown to improve practice flow and patient engagement.

Enhances Clinical Decision-making

Evaluation of the peripheral retina is critical for optimal patient management.¹ **optomap** imaging is ideal for peripheral examinations. Published studies comparing field of view and clinical utility of various widefield imaging systems confirm **optomap** captures the widest clinically usable field of view and the most retinal pathology.^{2, 3, 4}

Improves Practice Efficiency and Economics

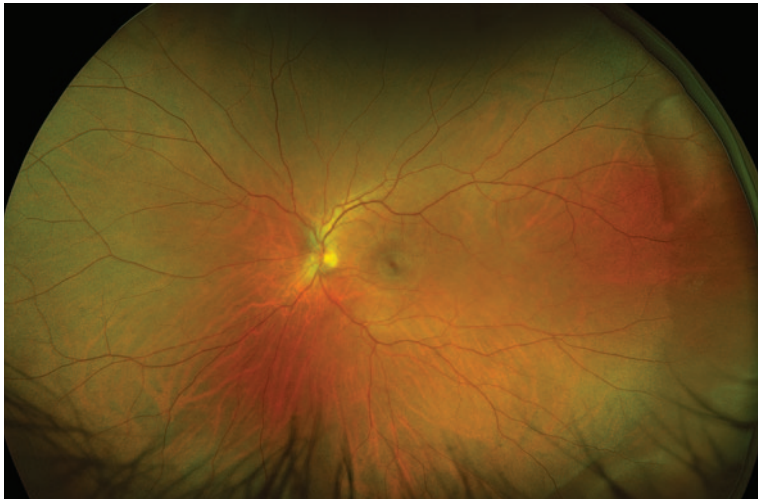
Studies show that **optomap** images are faster to capture and easier to review than traditional patient examination techniques.^{5, 6} A recent study found a 28 minute (33%) reduction in patient visit duration after implementing centralized **optomap** imaging.⁷ **optomap** enables practitioners to differentiate their practice and add an additional revenue stream.

OptosAdvance™

Daytona comes with OptosAdvance an easy to use, browser-based software for documentation, monitoring, and referral processing to facilitate patient management and improve practice flow. OptosAdvance offers an auto-montage tool to quickly capture and merge a series of images into a single 220° montage showing 97% of the retina. The software also includes tools for accurate distance and area measurements even in the far periphery.



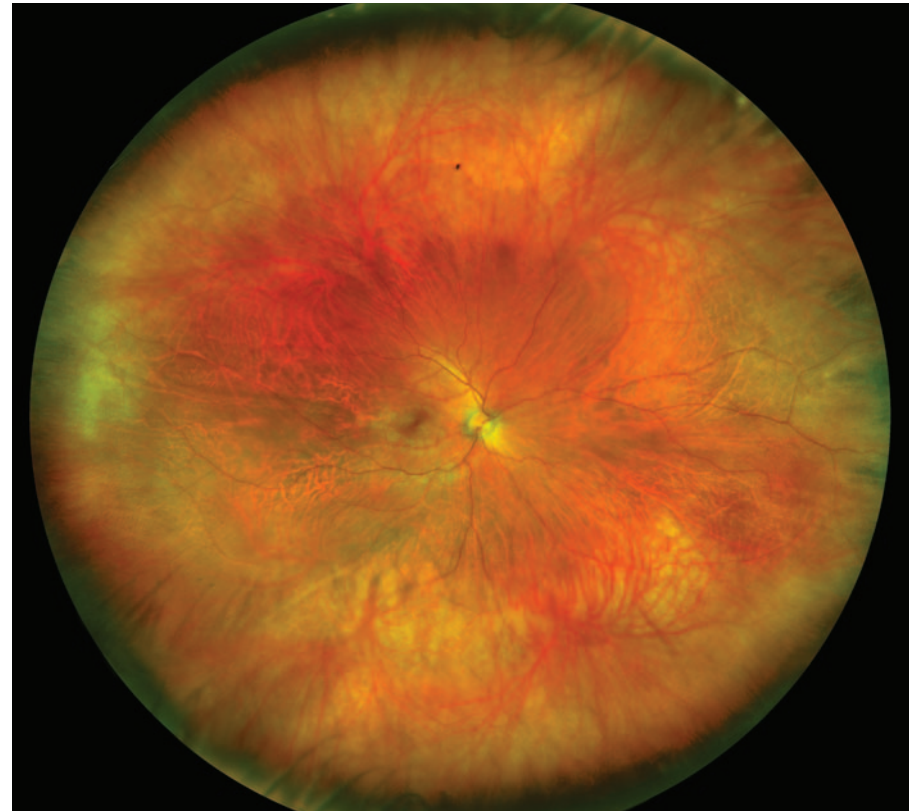
Unrivaled Clarity Across The Entire Field Of View



optomap *color*



optomap *af*



Auto-montage showing 97% of the retina

*“optomap is exceptional for imaging pathology we were unable to document in the past. It facilitates observations of diabetic changes and helps patients see and understand these critical changes. Using **optomap** in discussions with our patients results in better compliance. Optos UWF technology greatly affects quality of care; it makes examining the retina easier, facilitates disease detection, and allows me to maximize quality time with my patients. Routine use of **optomap** has helped improve patient flow allowing me to see 6-7 more patients daily.”*

Scott Segal, MD


Pasadena Eye Associates, Texas, USA

Unique Features

- Non-mydratic, non-contact imaging through most cataracts and small (2mm) pupils
- High resolution 200° **optomap** images improve pathology detection and management from macula through the far periphery
- **optomap** image clarity yields unrivaled detail across the entire 200° image
- 3-in-1 Color Depth Imaging™ provides important clinical data from the retinal surface through the choroid
- Autofluorescence imaging (green laser) highlights lipofuscin in the RPE
- Stereo disc imaging facilitates ONH review
- 3D Wrap® for patient education
- DICOM compatible software supports compliance with the Code of Federal Regulations ^{8, 9}
- Images are available immediately and stored electronically for future comparison or for use in telehealth applications

1) ULTRA-WIDEFIELD FUNDUS IMAGING: A Review of Clinical Applications and Future Trends. 2016 2) Quantitative Comparison of Fundus Images by Two Ultra-Wide Field Fundus Cameras; Ophthalmology Retina, 2020. 3) Assessment of Diabetic Retinopathy using Two Ultra-wide-field Fundus Imaging Systems, the Clarus® and Optos™ Systems; BMC Ophthalmology, 2018. 4) Comparison of Widefield Imaging Between Confocal Laser Scanning Ophthalmoscopy and Broad Line Fundus Imaging in Routine Clinical Practice; OSLL, 2020. 5) Nonmydratic 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. 6) Real-Time Ultrawide Field Image Evaluation of Retinopathy in Diabetes Telemedicine program, Diabetes Care, 2015 7) Successful Interventions to Improve Efficiency and Reduce Patient Visit Duration in a Retina Practice. Retina, 2021. 8) All Covered Entities must securely backup 'retrievable exact copies of ePHI' (CFR 164.308 (7) (ii) (A)). 9) All Data must be backed up off site. HiPAA final security (CFR 164.308(a)(7)).

Technical specifications

| | | | | |
|--|---|-----------------|-----------------|----------------|
| TRADE NAME | Daytona | | | |
| MODEL NAME / NUMBER | P200T / A10600 | | | |
| CONFIGURATION NAME | Daytona | | | |
| |  | | | |
| optomap UWF Imaging | | | | |
| IMAGING MODALITIES | | | | |
| Color | X | X | X | X |
| Sensory (red-free) | X | X | X | X |
| Choroidal | X | X | X | X |
| Autofluorescence | X | X | X | X |
| COLORS | White with Blue | White with Aqua | White with Gray | White with Red |
| RESOLUTION | optomap: 20 µm, optomap plus : 14 µm | | | |
| LASER WAVELENGTHS | Red laser: 635 nm Green laser: 532 nm | | | |
| EXPOSURE TIME | Less than 0.4 seconds | | | |
| System | | | | |
| FOOTPRINT | Width: 425 mm / (17 inches) ±5 mm Depth: 475 mm / (19 inches) ±5 mm Height: 800 mm / (32 inches) ±5mm | | | |
| WEIGHT | 28 kg (62 lbs) maximum | | | |
| TABLE SPACE REQUIREMENTS (not including wheel position) | Width: 887 mm / 35 in Depth: 623 mm / 24 in | | | |
| 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 | | | |

NOTE: Specifications are subject to change without notice.

The Daytona outer case is manufactured from recyclable material.



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