

iFusion™ SD-OCT & Digital Fundus Photography



The Complete Retinal Imaging Solution

iFusion™ THE COMPLETE RETINAL IMAGING SOLUTION

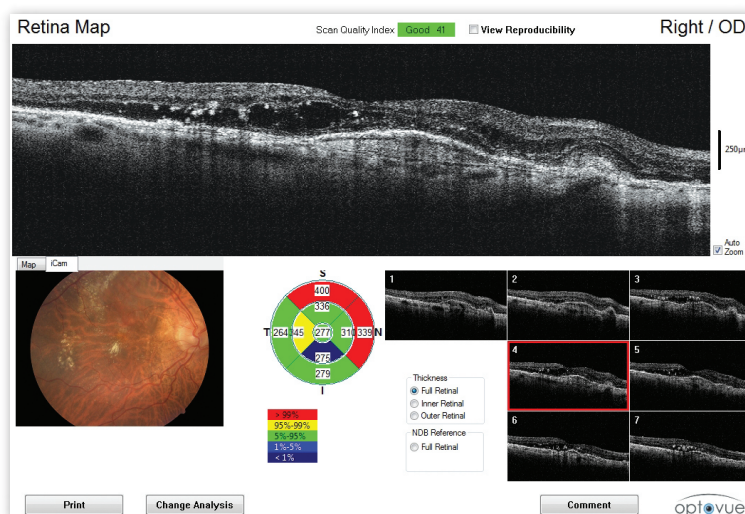
iFusion combines the best of Spectral-Domain OCT and Fundus imaging by adding the powerful OCT capabilities of **iVue** and high quality imaging from **iCam** on a single, integrated, versatile platform that will add value to your practice.

SAVE TIME & SPACE FOR PRACTICE EFFICIENCY

iFusion enhances your practice efficiency by streamlining your workflow in evaluating the patient with OCT and fundus imaging at one compact instrument.

UPGRADE OPTIONS FOR MORE FLEXIBILITY

As your technology needs change, iFusion's modularity provides you various upgrade pathways to choose from so that you can offer the latest in OCT and fundus imaging to your patients.



High Quality Imaging | Affordable | Easy Integration

The Fusing of **OCT** & **Fundus** **Photography**





*For illustrative purposes only



iFusion™

SD-OCT & Digital Fundus Photography

		All-In-One Computer
SPECIFICATIONS	SPECIFICATIONS	SPECIFICATIONS
<p>iVue Scanner: OCT Image: 26,000 A-scan/second Frame Rate: 256 to 1024 A-scan/Frame Depth Resolution (in tissue) : 5.0 μm</p> <p>Scan Range: Depth: 2 or 2.3mm Transverse: 2mm to 12mm</p> <p>Scan Beam Wavelength: $\lambda=840\pm 10$nm</p> <p>Exposure Power at pupil: 700μW to 750μW</p> <p>External Image (Live IR) FOV: 13mm x 9mm</p> <p>Patient Interface: Working Distance: 21.2mm for retina, 16.6 for cornea Motorized Focus Range: -15D to +10D</p>	<p>Field Angle: 45°</p> <p>Image: 5.2 Million Pixels</p> <p>Pupil Diameter: ≥ 4mm</p> <p>Illumination During Alignment to Patient's Eye: NIR LED</p> <p>Flash for Retina Image Capture: White LED located inside the instrument at the end of the illumination optical train, synchronized to flash with the capture function</p> <p>Cornea Image: Illumination from 3 external white LED sources in steady state mode</p> <p>Total Focus Diopter Adjustment Range: -35D to +30D</p> <p>Z-ranging (Working Distance): ~25mm</p> <p>Fixation: 6 Internal & 1 Adjustable External</p> <p>Focus Adjustment: Manual</p>	<p>21.5" Display</p> <p>Windows 7®</p> <p>i5 Intel® Processor</p> <p>4GB Memory</p> <p>500GB Storage</p>

