

## VISUCAM<sup>PRO NM</sup> Non-Mydriatic Fundus Camera — The Only All-in-One System

By Lon Dowell, C.R.A., Retinal Imaging Product Manager

### A compact, full capability system

The VISUCAM<sup>PRO NM</sup> non-mydriatic Fundus Imaging System is an advanced instrument that digitally captures, displays and stores ophthalmic images. The VISUCAM<sup>PRO NM</sup> is the only instrument in its class that is fully integrated: for example, the ZEISS telecentric optics, digital sensor and computer are contained in one unit instead of aftermarket adapters or cumbersome peripheral cables. This makes the VISUCAM<sup>PRO NM</sup> remarkably ergonomic considering its high level of performance and capabilities.

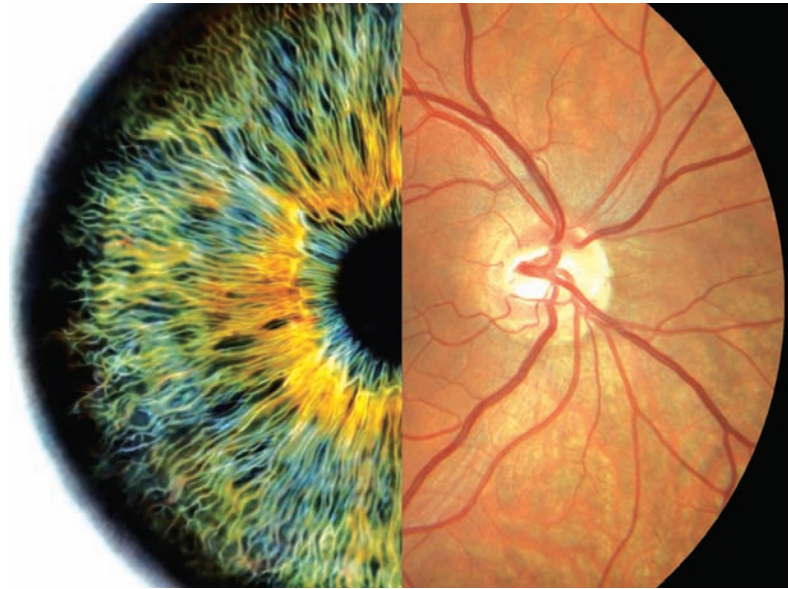
The camera allows retinal images to be viewed in Color, Red Free, Red and Blue modes for more comprehensive fundus documentation. Images are viewed on a 17" flat panel monitor mounted on the VISUCAM<sup>PRO NM</sup> table and may be swiveled towards the patient for educational purposes. Images may be exported in a number of popular file formats including JPEG, BMP and DICOM. A top quality, ink-jet printer for hard copy images is included.

### Capture retinal images through a 3.3 mm pupil

The VISUCAM<sup>PRO NM</sup> allows you to perform faster procedures on more patients because it can capture retinal images through undilated pupils as small as 3.3 mm using the 30° small pupil mode. It is ideal for detecting and following Diabetic Retinopathy and Glaucoma as well as Age Related Macular Degeneration.

The VISUCAM<sup>PRO NM</sup> uses a highly efficient, scientific grade sensor to capture images for true retinal color and detail as a doctor would see through an indirect ophthalmoscope exam. And patient comfort is greater because less full spectrum illumination and less overall flash energy are required.

Fully networkable, the VISUCAM<sup>PRO NM</sup> can send images to a shared folder on a customer's network for increased practice efficiency. These images can then be opened and viewed with standard image viewing software such as PhotoShop™ and Imaging for Windows®. To utilize more advanced capabilities, the instrument can be integrated with the VISUPAC™ Digital Imaging and Archive Management system.



### VISUPAC archive management platform

VISUPAC software is a sophisticated digital image and archive management platform that can also be used as an image viewer for VISUCAM<sup>PRO NM</sup>. VISUPAC collects images, stores them for viewing when your schedule permits, enables enhancement and annotation; and archives them for subsequent retrieval. The VISUPAC system features a leading-edge SQL database structure and data security functions to ensure optimal diagnostic insight and long-term management of retinal documentation.

