

VOLK[®]
IMAGING



PICTOR⁺ **PLUS**

Portable Retinal camera

Making portable **possible.**



PICTOR **+** PLUS



The Pictor Plus portable retinal camera can take your practice places. From the exam room to on-location screenings, nursing home calls and everywhere in between. It is lightweight, weighing just 1 lb., and will shoot detailed high resolution images in daylight or darkness. The Pictor Plus portable imager moves with your practice and makes it possible to expand your services.

> Improved Patient Care

Pictor Plus can provide first class ophthalmic care. The high resolution imagery Pictor Plus produces is very effective during initial screenings and follow-up treatments. Patient information is entered directly into the handset for patient records.

> Simple Integration

Featuring Wi-Fi connectivity, Pictor Plus can seamlessly integrate with any PC or mobile device to upload jpg images to your patient database system. Pictor Plus is now compatible with multiple image analysis and EMR software solutions and has DICOM compatibility.

> Maximum Portability

Weighing a mere 1 lb., (0.45kg), Pictor Plus is easily portable and highly effective in mobile situations. A proven success in the rapidly expanding telemedicine applications, Pictor Plus is especially versatile to examine patients where access may be difficult.

> Pays For Itself

In as little as 4 months your practice can expect a return on the original investment of the Pictor Plus device. Thereafter, it contributes to your revenue stream.



> Superior Versatility

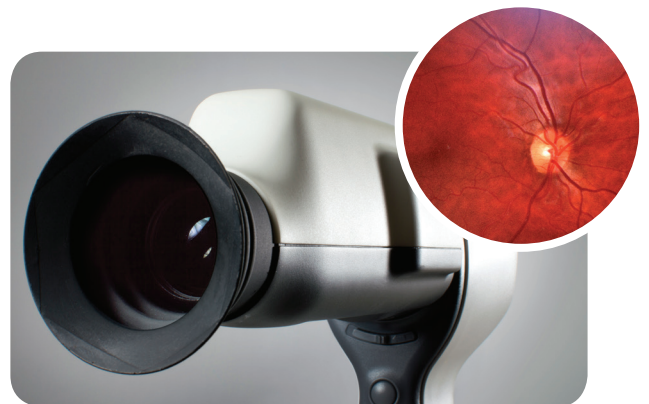
Two easily interchangeable modules provide high resolution retinal (non-mydratric) or external eye imaging. Two additional modules are available for otoscopic and dermoscopic examination.

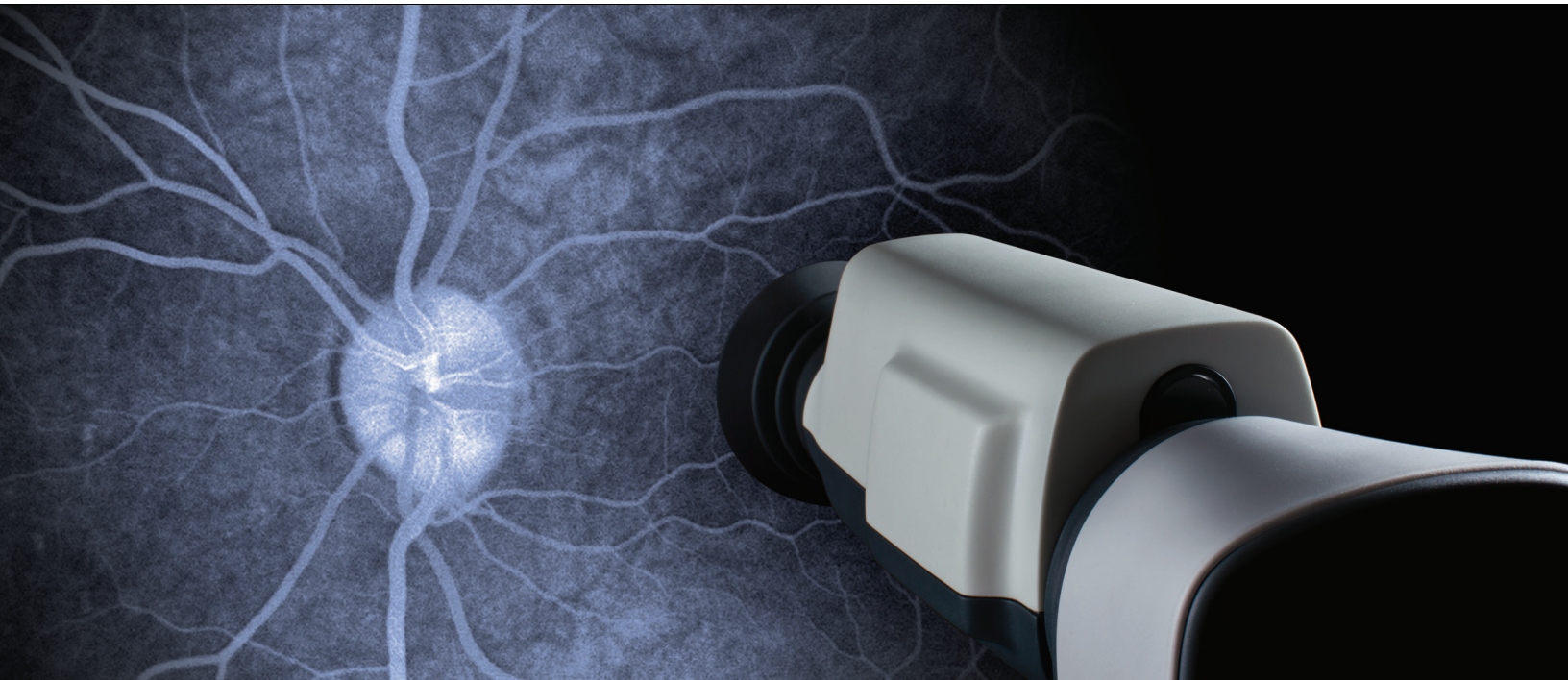
RETINAL MODULE - Pictor Plus retinal imaging enables non-mydratric fundus examination with a 40° field of view. With digital still and video images, the appearance of optic disc, macula and retinal vasculature can be screened and documented for ocular lesions and anomalies.

- 9 fixation targets to target a variety of retinal images
- Reflection free imaging with ten illumination levels
- Not necessary to dilate pupils (minimum pupil size 3mm)
- Produces color and red free images for contrast
- Automatic and manual focusing
- Diopter compensation -20D to + 20D
- Slit lamp mount adapts Pictor to any slit lamp

ANTERIOR MODULE - Pictor Plus anterior imaging provides high-resolution digital image data of the surface of the eye and areas directly surrounding the eye. The cobalt blue LED light allows fluorescent imaging to detect a dry eye or any cuts or rashes on the surface of the eye.

- White and blue LED light for image targeting and capture
- Autofocus and optional manual adjustment
- 6x digital zoom
- Image resolution 2560 x 1920 pixels



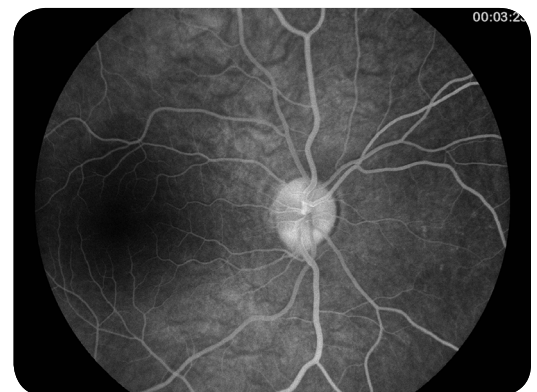


FLUORESCEIN ANGIOGRAPHY MODULE

Improving on the versatility of Pictor Plus, the Fluorescein Angiography (FA) module provides high quality fundus fluorescein angiograms at the slit lamp and in any situation where imaging with a traditional table-mounted camera is not possible.

Fluorescein Angiography is used to help detect retinal or choroidal vascular diseases such as diabetic retinopathy, AMD, vascular occlusions and hypertensive retinopathy. Pictor FA provides highly defined visualization during early and late stages of the angiogram to help determine extent of a disease state. A built-in timer enhances data recording and analysis.

- The FA module has 9 fixation targets to attain a variety of retinal images (maximum field of view up to 70°).
- Ideal for portable situations such as disabled or bed-bound patients and pediatric care
- Detailed portrayal of the contrast fluid's entire passage during arterial/venal phase
- A universal slit lamp adapter with chin rest provides a stable platform for in-office examination
- Easily connects to PC or tablet via WiFi or USB
- User friendly with automatic and manual focus modes

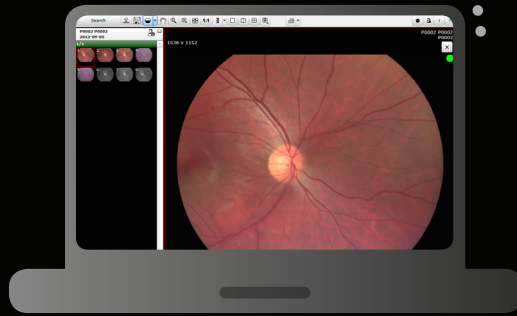




PICTOR
WORKSTATION

DICOM
standard

EMR
or
PACS
Server



PICTOR
WORKSTATION

PERFECT YOUR WORKFLOW

Break away from the desktop with the Pictor Plus, and bring your EMR with you. Pictor Workstation is the new solution for managing patient images and information with wireless connection and DICOM support.

> PRIMARY FUNCTIONS

- Set up and import patient worklists into the camera
- Use DICOM to create worklists and transfer images to a PACS or EMR
- Compare up to 9 simultaneous images displayed in the software
- Supported operating systems: Windows Vista, Windows 7, Windows 8

> KEY BENEFITS

- Automate image transfer from Pictor Plus via Wi-Fi or USB
- Smooth workflow for transferring images from camera to EMR
- Operate as a standalone system for efficient data viewing, analyzing and archiving
- Take advantages of complete tools for diagnostic purposes including zoom, lens and color filtering



PICTOR⁺ PLUS

Technical Specifications

Camera Sensor Resolution	5 Mega Pixel
Optical Resolution	> 60 linear pixels/mm
Focus Range	Autofocus, -20 to +20D
Minimum Pupil Size	3mm
Image and Video Format	JPG, DICOM, MPEG-4/MPEG-1
Display	2.4" TFT-LCD
Memory	4GB SD card/2,000+ images
Power Supply	Rechargeable Ni-MH battery
Average Usage Time	3 hours continuous (2 batteries included)
Connectivity	Wi-Fi, USB
Type of Photography	Color, Red-Free, Infra Red
Dimensions	- Handset - 3.2" (w) x 6.5" (h) x 2.6" (d) (82 x 166 x 66mm) - Retina module - 2.6" (w) x 2.8" (h) x 6.3" (d) (67 x 73 x 160) - Anterior module - 3.1" (dia) x 2.7" (d) (79 x 70)
Weight	- Handset - 0.8 lb (400g) - Retina Module - 0.6 lb (300g) - Anterior module - 0.2 lb (92g)
Fluorescein Angiography Mode	
Field of View	40° (static); 70° (utilizing fixation targets)
Focus Modes	Auto/Manual
Flash Illumination	Blue LED
Fixation Targets	9 – Internal
Data Recording	Timer
Image Sensor	5 Megapixels
Image format	JPG, DICOM



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