

TECHNICAL SPECIFICATIONS

Handset Technical Specifications

- Dimensions – 3.2" (w) x 6.5" (h) x 2.6" (d) (82 x 166 x 66mm)
- Weight – 0.9 lb (400 g)
- Power Supply – rechargeable Ni-MH battery

Handset Features

- Display - 2.4" TFT-LCD, antireflective coating
- Image memory size - 2 GB SD card/1000+ images
- Integrated lens for general imaging (without module)
- Average usage time - 3 hours continuous use (two batteries included)

Imaging

- Image Sensor – CMOS 5.0 megapixel
- Image format - JPEG
- Video format - MPEG-4 and MPEG-1
- Resolution in general mode – 2560 x 1920 pixels
- Automatic focusing

Connectivity

- Computer with USB port – no driver installation needed
- Interfaces to FDA and CE approved image analysis software

User Interface Features

- Patient folders
- Image preview



PICTOR

- › MAXIMUM PORTABILITY
- › SIMPLE INTEGRATION
- › IMPROVED PATIENT CARE



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PICTOR



Imaging Unlimited

IMAGING UNLIMITED

Volk Pictor is a truly portable digital imaging device that provides a variety of imaging capabilities with interchangeable modules. This versatile hand held device is available with the option of four key imaging modules for examination: ophthalmic - posterior and anterior segment, dermatoscopic and otoscopic.

IMPROVED PATIENT CARE

Digital still and video images created with Pictor provide accurate first diagnosis and planning for consistent follow up treatment.



SIMPLE INTEGRATION

Pictor is easily adopted into daily examination routines. Connecting to any patient database system providing standard jpeg image files enables fluent image data storage and sharing that may be used for consultation purposes. Pictor is now interfaced with multiple image analysis and EMR software solutions currently available.



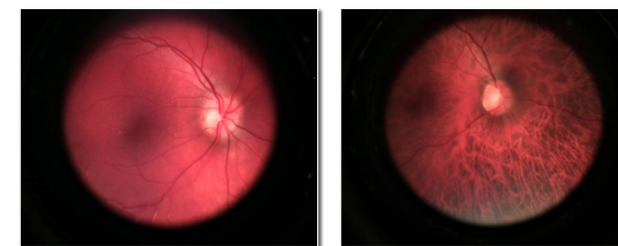
PICTOR 

SUPERIOR VERSATILITY

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

RETINAL MODULE

Pictor retinal imaging enables non-mydriatic eye fundus examination with a 45° 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.



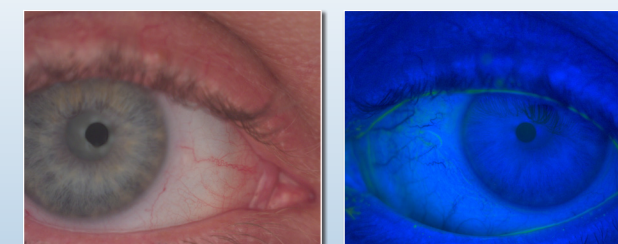
FEATURES

- Reflection free imaging with ten illumination levels
- Image targeting and capture using infrared or white light
- Not necessary to dilate pupils (minimum pupil size 2mm)
- Automatic focusing
- Surgical grade silicone eye cup for support and comfort
- Image resolution 1920 x 1440 pixels
- Diopter compensation -20D to +20D



ANTERIOR MODULE

Pictor 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.



FEATURES

- White and blue LED light for image targeting and capture
- Autoclaveable rubber eye cup for support and comfort
- Autofocus and optional manual adjustment
- 6x digital zoom
- Image resolution 2560 x 1920 pixels




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