

FluoroPro

RF Digital Imaging System

- Increased Cost Savings
- Improved Workflow
- Exceptional Imaging
- DICOM compliant
- Intuitive Graphic User Interface (GUI) that is easy to use and digital images can be read immediately or archived
- Medical grade CCD camera that can be integrated into virtually any x-ray system



High Resolution
CCD Camera



19" Monochrome Flat Panel Monitor
w/ Optional Reference Monitor

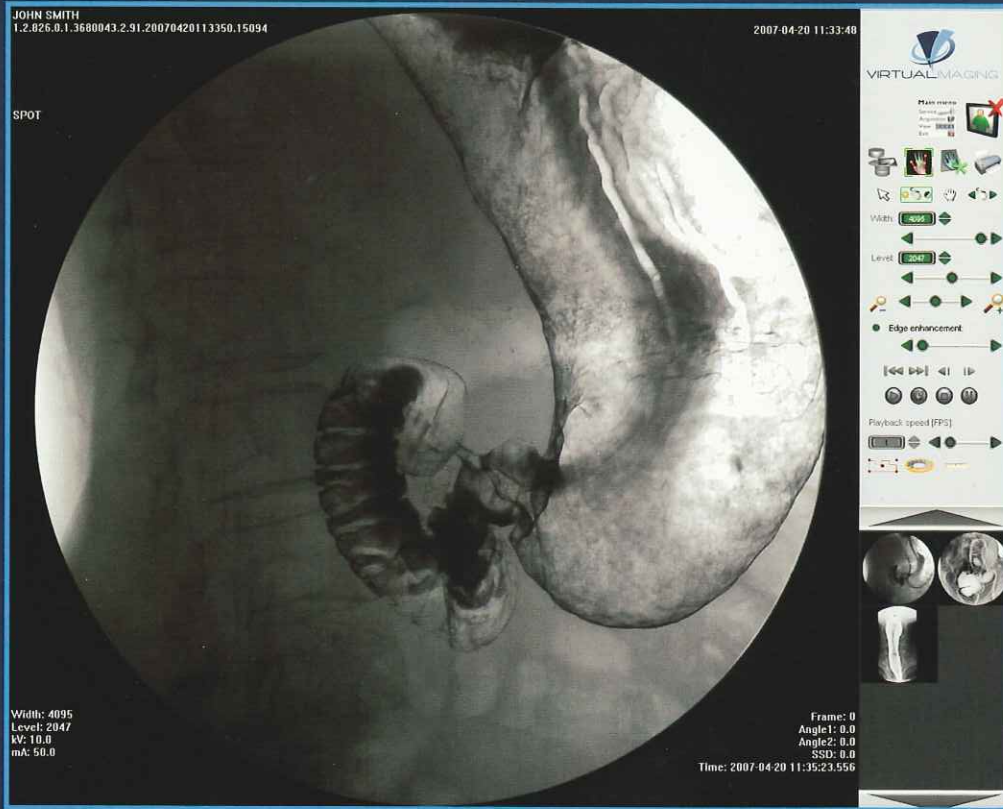
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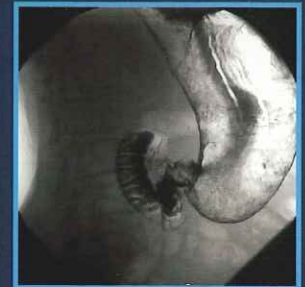
FluoroPro

RF Digital Imaging System

The Virtual Imaging FluoroPro Digital Imaging System is a cost effective solution for acquiring digital images during RF exams. The FluoroPro system can be installed on new or existing RF X-Ray rooms. The system includes a High Resolution CCD camera specifically designed for Radiographic Imaging that provides excellent image quality even in low light conditions 1024 x 1024 x 12 bit CCD Camera.



Graphic User Interface(GUI)



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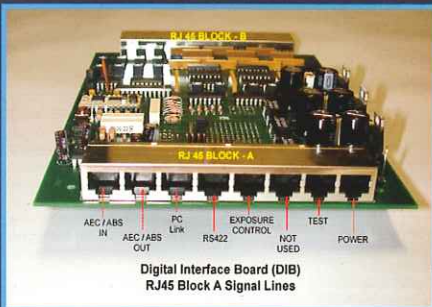


State of the Art Digital CCD Camera

1024 x 1024 x 12 bits, 30 FPS, 40 MHz

- Direct Couple Lens improves imaging, eliminates optical distributor

- Enhanced electronics on camera head transfer digital images over standard Ethernet cable



Digital Interface Board

All generator connections are made via RJ45 connectors from DIB (Simple Installation / Easy to service).

COST SAVINGS

- Increased Return on Investment
- Eliminate Film, Supplies and Processing

INCREASED WORKFLOW

- Conduct Exams in 1/2 the Time
- Eliminate Retakes

ENHANCED IMAGING

- Outstanding Image Quality
- Improved Diagnostic Ability

INTUITIVE USER INTERFACE

- Easy to use controls
- Image acquisition
- Fluoro and Pulsed Fluoro at up to 30 Frames Per Second (FPS)

(Generator must be pulsed fluoro capable this feature to work)

- Fluoro Store up to 300 Frames per sequence
- Spot images available from single to 15 Frames Per Second

(Generator dependent)

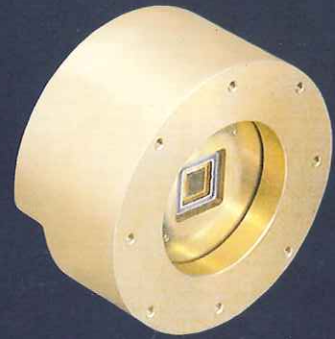
- Support for single or dual screen operation for "live" and "reference" monitors

- Immediate image review with post processing features such as measurement, annotations, and region of interest

- Standard image processing features include invert, zoom / pan, window / level, edge enhancement, and variable playback speed controls for multi-frame sequences

- Custom configurable Display Parameters that enhance images for optimum review

- Patient studies can be printed to any DICOM printer, archived to PACS, or written to CDR / DVD-R in DICOM format



The High Resolution Digital CCD camera is dedicated to radiological imaging and designed to be used with the most powerful image intensifiers to provide amazing image quality and easy installation into any existing system.

Virtual Imaging, Inc. is dedicated to the development of the most sophisticated digital imaging platforms designed to meet the demanding imaging and communication needs for medical imaging applications. Virtual Imaging, Inc. is the physicians solution in offering inexpensive solutions that enhance your existing X-Ray equipment into a fully functional digital imaging suite; improving productivity, quality and workflow.

PREMIERE DIGITAL SOLUTION

- Easily installed with any existing system
- Digital imaging reduces/eliminates need for film, processing and supplies
- Images are immediately available for review / diagnosis
- Easy to use GUI simplifies operation
- Fully DICOM 3.0 compliant
- Exceptional image quality is assured with High Resolution CCD camera and image optimization software

UPGRADE YOUR EXISTING ROOM

- Interface with virtually any generator and existing, new, or refurbished equipment.
- A cost effective way to add a fully dicom enabled digital system to your existing generator, table, etc
- Minimum down time with fast, easy installation.



COMPUTER

- Intel PC with CoreDuo Processor
- 2 GB RAM
- Intel Chipset
- Window™ XP Pro Operating System

Digital Interface Board (DIB) and Power Supply provides connectivity to generator signals

MONITOR

- 19" Monochrome Flat Panel Monitor
- Optional Second monitor (reference)

INTERFACE KIT

Includes adapter PCB(s) for cable interconnects based on manufacturer includes all connection cables (RJ45) required. (not available on generator types)

ACQUISITION

- Continuous and pulse fluoro: up to 30FPS @ 1024 x 1024 x 12 bit
- Fluoro save: up to 300 frames
- Fluoro Last Image Hold
- Variable edge enhancement
- Multi level temporal filtering
- Spot acquisition @ 1024 x 1024 x 12 bit
- Rapid Spot acquisition up to 15 FPS @ 1024 x 1024 x 12 bit (generator dependent)

DICOM

- Send / Receive
- Media Read / Write
- Print
- Worklist
- Performed Procedure Step
- Windows™ Print to standard printer (referral purposes only)

REPLAY

- Immediate review of acquired images
- Real Time W/L adjustment
- Zoom / Pan
- Image Rotation / Flip
- Save image as photofile
- Save image to reference monitor
- Annotation
- Shuttering
- Region of interest (ROI)