

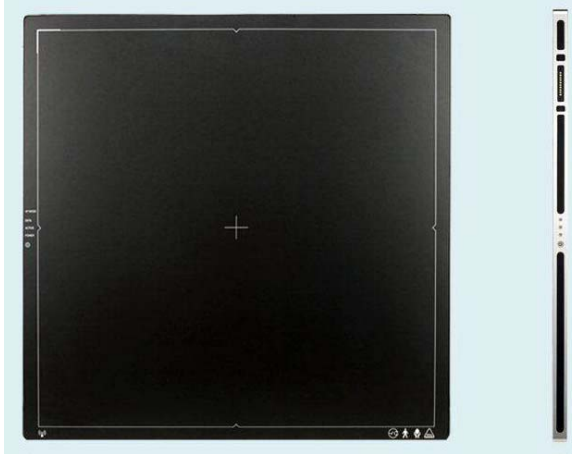


**CARESTREAM Pro DR flat panel digital radiography system with a large field coverage area of 17"x17" designed for general radiographic application using its unique image processing system and proprietary flat panel detector.**

*The active 9.4 Mega-pixels of the Carestream Pro DR system ensure superior image quality for today's high standards for precise diagnosis performance utilizing the Carestream digital radiographic flat panel detector technology.*



Imaging for the FUTURE



Innovative Imaging  
SOLUTIONS

ASSURANCE

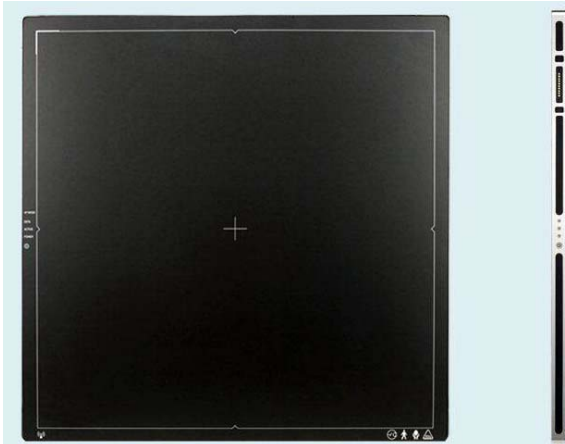
# Carestream

## Digital Radiography System



## KEY FEATURES

- Full compatibility with DICOM 3.0 standard and Windows™ based platform
- Side by side dual study comparison capabilities
- Automatic Exposure Detection (AED) Trigger mode as well as the line trigger modes
- Various preset image processing modes for different studies
- Communication interface through Gigabit Ethernet (1000 BASE-T)
- Simple & easy integration with all kinds of digital radiography systems



### Superior Image Quality

- Brilliant Modulation Transfer Function (MTF)
- Superior diagnostic image quality through flat panel detector with the proven technology of VXvue image processing software
- Dramatically reduced X-ray dose for patient and user safety during an examination

### Versatile Diagnostic Capabilities

- 9.4 Mega-pixel flat panel detector with radiographic imaging capability 16-bit signal digitization providing an extremely wide dynamic range for a greater grayscale
- Optimized algorithms for each different body part selection
- Fast readout time enables an image to be captured and transmitted within 4 seconds

### DICOM Viewers

- 4 Browser Based LAN/WAN Image Suite Concurrent Viewer Licenses

## PANEL SPECS

Application	General radiography
Technology	Flat panel detector: a-Si TFT with PIN diode
Scintillator	Gadolinium Oxysulfide (Gadox) or Cesium Iodide (Csi)
Pixel pitch	140um x 140um
Pixels	3072 x 3072 pixels
Image size	17 x 17 inches (43 x 43cm)
A/D conversion	16-bit
Grayscale	65,536 grayscales
X-ray voltage range	40 ~ 150kVp
X-ray generator Interface	Line trigger: DR trigger Mode, Passive trigger mode Auto trigger: AED Mode
Interface	Gigabit Ethernet (1000BASE-T)
Dimensions	18.11 (W) x 18.11 (L) x 0.61 (T) inches
Weight	Approx. 9.2 lbs
Operating Environment	15 - 35 °C, 30 - 80% RH (non-condensing)
Power	DC24V, 1.0A
Image Acquisition	1.5 seconds



## COMPUTER SPECS

- 4th Gen Core i7 (4/8 Cores) 16GB DDR3 Memory
- Intel 4600 Hard Drive - DVD +/- RW Burner - 1X Gigabit Ethernet - USB 3.0 - 2x1 TB RAID 1
- Windows 8.1 Pro 64 Bit - Includes 23" 2.1MP Monitor - 3 Year Parts & Labor Warranty
- Includes VXvue Acquisition and Image Processing Software