

Innovative Imaging
SOLUTIONS

CARESTREAM Pro DR digital radiography system utilizes a Tethered 14"x17" flat panel to provide portability and flexibility for veterinary applications using its unique image processing system and a proprietary flat panel detector.

Imaging for the FUTURE



Carestream

Digital Radiography System



ASSURANCE

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 14-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 | GOS/Gadolinium Oxysulfide (Gadox) |
| Pixel pitch | 140um x 140um |
| Pixels | 2560 x 3072 pixels |
| Image size | 14 x 17 inches (35 x 43cm) |
| A/D conversion | 14-bit |
| Grayscale | 16,384 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 | 18.1 (W) x 15.1 (L) x 0.59 (H) inches (460 x 384 x 15 mm) |
| Weight | Approx. 2.9kg (6.4 Lbs) |
| Operating Environment | 15 - 35 °C, 30 - 80% RH (non-condensing) |
| Power | DC24V, 0.5A |
| Usage | Standard cassette size |



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 Warranty
- Includes VXvue Acquisition and Image Processing Software