Complete digital radiographic imaging system that produces quality radiographic images of small and large patients.

The DRE Digital 200 X-Ray Flat Panel Navigator System is one of the most compact, self-contained, high detail digital imaging systems available. The system includes the DRE Digital 200 X-Ray Flat Panel and a workstation server computer.

The DRE Digital 200 X-Ray Flat Panel is a durable silicon panel with automatic x-ray exposure detection. The panel's unique Gadox screen technology captures digital images within seconds, eliminating the need for x-ray film, phosphorescent plates or cassettes.

The high-powered Dell workstation server computer is available as a laptop or desktop model. Both options have a 4th Generation Intel® Core™ i5-4200U processor and come loaded with Windows 7.
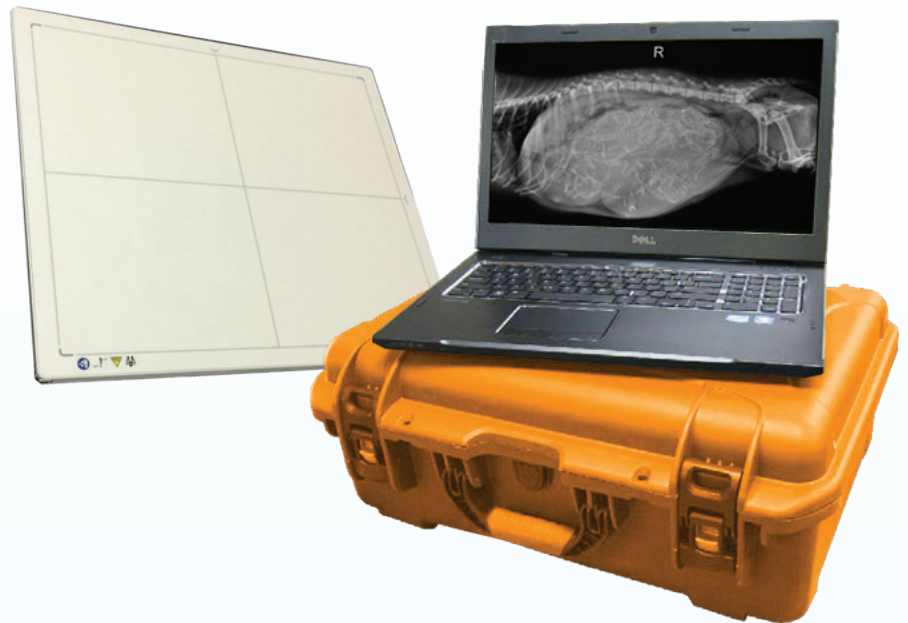
The DRE Digital 200 is easy to use and it provides accuracy and flexibility to help veterinarians get a clear picture every time. With a custom engineered system and a high-quality smart flat panel detector, the Digital 200 can produce lightning fast, high-resolution, DICOM images at a fraction of the cost of other digital systems.

Features:

- Large storage capacity saves up to 50,000 images for easy accessibility
- Archival, long-term storage and retrieval capabilities.
- Comprehensive toolkit allows users to adjust grayscale window/level
- Transmits images using DICOM format to any DICOM-based archiving system
- Faster, almost immediate real time image display
- Better reliability — consistent and repetitive high quality images
- Image manipulation for and enhanced diagnosis: zoom, contrast, tilt, color, special filters, archiving, etc.
- Less patient stress, increased image diagnostic information & manipulation with less patient movement
- Less expensive to operate than older model x-ray units
- No odors or hazardous waste materials
- Elimination of film processing

Components:

- DRE Digital 200 X-Ray Flat Panel
- Work station server computer (choose laptop or desktop)
- Full featured imaging software
- Interface cabling

Specifications:
- Overall Dimensions: 15" (38.1 cm) x 18" (45.7 cm) x 0.6" (1.5 cm)
- Pixel Active Area: 5200 x 2800
- Pixel Pitch: 150μm
- Pixel Matrix: 2304 x 2800
- Total Pixels: 6.7 million
- X-ray Converter: Gadox
- A/D/ Convert: 14 bits
- Voltage: AC 100 ~ 240V±10% (50/60Hz)
- Operation Environment: 5 - 35℃ | 20 - 75% relative humidity
- DICOM Store: Interface to DICOM storage servers
- Weight: 8.6 lbs. (3.8 kg)

Laptop Computer (optional):
- CPU:4 th Generation Intel® Core™ i5-4200U processor (3M Cache, up to 2.6 GHz)
- RAM: 6GB Dual Channel DDR3L 1600MHz (4GBx1 + 2GBx1)
- Video: Intel® HD Graphics 4400
- Storage: 750GB 5400RPM SATA Hard Drive
- Security: Trend Micro Worry-Free Security Services
- Monitor: 15" or 17.3 inch LED Backlit Display withTruelife and HD+ resolution (1600 x 900)
- OS: Windows 7
- Network: Broadcom NetXtreme Ethernet
- CD: Tray load DVD Drive (Reads and Writes to DVD/CD)

Desktop Computer (optional):
- CPU: 4th Generation Intel® Core™ i5-4200U processor (3M Cache, up to 2.6 GHz)
- RAM: 6GB Dual Channel DDR3L 1600MHz (4GBx1 + 2GBx1)
- Video: Intel® HD Graphics 4400
- Storage: 750GB 5400RPM SATA Hard Drive
- Security: Trend Micro Worry-Free Security Services
- Monitor: 20" LED Backlit Display with Truelife and HD+ resolution (1600 x 900)
- OS: Windows 7
- Network: Broadcom NetXtreme Ethernet
- CD: Tray load DVD Drive (Reads and Writes to DVD/CD)