

# PINNACLE VETERINARY

## PINNACLE® Veterinary DR

Full Digital Veterinary X-Ray System

### SPECIFICATIONS

CareView® 14"x17" or 17"x17" Fixed Mounted Detector Cesium DR.

32kW HF Smart Generator with Acquisition Software.

Fixed Tubestand with 4-way Float Top Table.

Excellent dynamic range and high throughput radiography examination.

Very stable operation and long term lifetime.

Real-time monitoring self-diagnosis and error code display.



### DIGITAL DETECTOR CAREVIEW® CESIUM

14"x17" or 17"x17" imaging area.

3.57 LP/MM resolution.

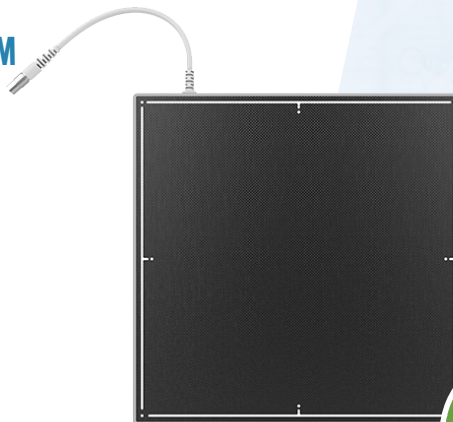
Cesium scintillator to enable optimal quality at low dose.

Image Acquisition Station features:

- » 2 TB Dell Tower (RAID 1)
- » 24" Touch Screen Monitor
- » Veterinary Software

Optimized image processing algorithms for each APR condition.

Off Center Imaging capability.



**DR CESIUM**

Low Dose – Low Cost



Product Demos: **YouTube**  
[youtube.com/BlueRidgeImagingTechnologies](https://youtube.com/BlueRidgeImagingTechnologies)



**BlueRidgeImage.com**  
**800.727.7290 Option 4**

Nationwide Installation  

CareView® series X-ray flat panel detectors incorporate the proven technology of amorphous silicon. The amorphous silicon photodiode array and TFT underneath convert invisible X-ray photons into visible photons, and then into electric charges. The electron signals are measured and amplified in the data line, and then converted to digital signals by the Analog/Digital converter. Finally, the digital signals are transmitted to a PC for processing to form an image.

**High DQE, high spatial resolution, extraordinary dynamic range and ultra-low noise are hallmarks of our CareView® series.**

CareView® detectors are integrated with CarePACS DXR software, which is an acquisition-viewing combination and supports up to 5 shared viewers and unlimited hosts. Network PACS and Enterprise PACS options are available. CarePACS DXR software is for both veterinary and medical professionals and is imbedded with convenient instructional pictures and video clips on x-ray procedures and sample images.

### CSI DIRECT-DEPOSIT TECHNOLOGY

We don't buy CsI plates and glue them in. We employ our own in-house CsI Direct-Deposition process by growing cesium iodide crystals and directly depositing them on glass substrate.

#### ***What are the benefits of CsI Direct-Deposit Technology?***

- » **Least** amount of isotropic photon lateral scattering which means the best resolution (MTF) 70% better.
- » **Lowest** photon coupling loss which means best quantum efficiency (QE) and detector quantum efficiency (DQE) 30% higher.
- » **No glue** which means most reliable long-term performance with superior long-term stability and ambient compatibility.
- » A **robust**, long lasting detector.



Self-calibrating to maintain peak performance and compensates filament aging.

Remote maintenance via the internet for Superior Uptime, System Diagnostics, Error Log and Statistical Data Display.

Superior accuracy, reproducibility and stability.



### Generator Specifications

32kW, HF Single Phase Generator  
40 – 125kV Range  
10 – 400 mA Range  
0.1 – 500 mAs Range  
Exposure Time Range: 1 ms – 6.4 s  
Technique Selection: kV/AEC, kV/mAs, kV/ma/ms  
Integration with software (Optional)

Ver. 7/2020

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**BLUE RIDGE IMAGING TECHNOLOGIES**

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## PINNACLE® CRV 2000 DR

Full Digital Veterinary X-Ray System

### SPECIFICATIONS

32kW HF Single Phase Generator with Anatomical Programming.

Elevating Table: 18 to 30 inches from the floor.

Table Top 31 inches deep by 60 inches wide.  
4-way float table top with floating range of +/- 11 inches longitudinal and +/- 3 inches transversal.

Electromagnetic Braking System.

Fixed DR Detector Holder.

Maximum Allowable Lifting Weight: 600lb.

Manual Rotating Tube Mechanism, locks in place at 45 degree increments.



### DIGITAL DETECTOR CAREVIEW® CESIUM

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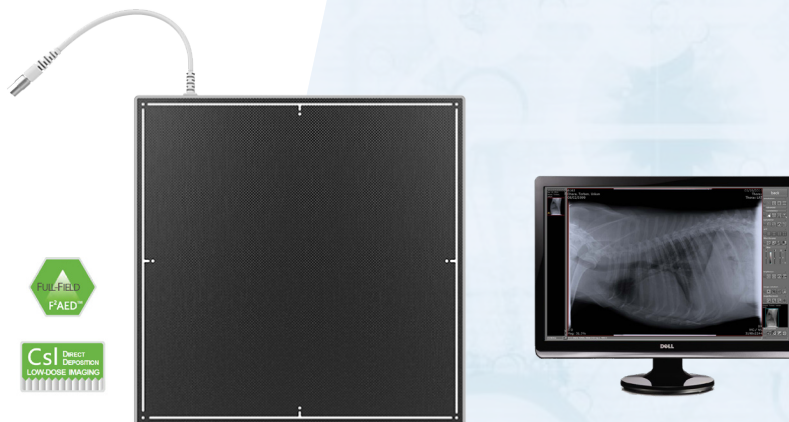
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CareView® detectors are integrated with VOYANCE PACS which works with the VOYANCE acquisition software to give you a complete solution. Your images are sent automatically (or manually) to the VOYANCE PACS server for storage. It is available all the time to be viewed from any view workstation. Having the same user interface, VOYANCE acquisition software and PACS system provides the perfect flexibility together with the best features saving time, money and hassle.

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