

# DR Wizard 2.0

## 17"x17" Wireless Direct Deposited CsI Flat Panel System

A true gold standard of companion animal diagnostic imaging, the DR Wizard 2.0 17x17 features advanced imaging technology, direct deposited CsI technology for ultra-low dose imaging, and improved spatial resolution.



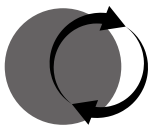
### Full-Field AED

Patient dose reduction with stable and reliable Automatic Exposure Detection (AED) without limiting capturing all image data



### 17"x17" Cassette-Size

Maximized full field of view offers large format x-ray imaging for the highest quality detail in all patients without worrying about panel rotation.



### Smart Switch Technology

With a single push of a button, switch between use in a stationary x-ray room with a PC workstation to a portable tablet or laptop for ultimate portability.



### Sharper Lines. Greater Detail. Achieved at Lower Doses.

- Superior image sharpness which uses enhanced anatomical image processing algorithms
- Direct deposited CsI technology for ultra low dose imaging
- Increased DQE at lower doses to reduce noise
- Increase in MTF from previous generation detectors for better spatial resolution
- Patient dose reduction with AED technology
- Quick acquisition time for faster image display



**DIAGNOSTIC  
IMAGING SYSTEMS**

QUALITY | INTEGRITY | VALUE...privately owned since 1983

[www.vetxray.com](http://www.vetxray.com)

Contact us:

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# DR <sup>17x17</sup> Wizard 2.0

## IP56 Rating

Provides ultimate protection against liquid and dust intrusion in the most demanding clinical environments.

### Battery Life Indicator Button.

The battery has a button which quickly shows batter life through LED indicators.

**Charger.** Comes with 2 batteries and a rapid charger.



## Advanced Accu-Vet Software

Powerful engine offers a convenient user-friendly interface to display various anatomical tuning features from a single exposure to offer the most out of a diagnostic imaging solution.



## Integrated Hand Grip

Thoughtfully designed for easy carrying with an integrated hand grip.



## Specifications

Conversion Screen (Scintillator)	CsI
Detector Type	Amorphous Silicon
Pixel Pitch	100 µm
Image Data (AD conversion)	Pure 16 bit
Image Resolution	4,267 x 4,267
Image Size	17" x 17"
Data Interface	Wireless / Wired
Trigger Mode	Auto Exposure Detection (AED)
Sensitivity (LSB/uGy)	750
Max Liner Dose	100µGy
MTF @ 2.0 LP/mm (@RQA5)	40.4%
DQE @ 1.0 LP/mm (2.5uGY@RQA5)	55.9%
DQE @ 3.0 LP/mm (2.5uGY@RQA5)	28%
Limiting Resolution (w/o phantom or grid)	3.5 lp/mm
Preview Acquisition Time	≤ 1.0s
Full Image Time	≤ 3.0s
Cycle Time	< 8.0s
Power Supply	100-240VAC 50/60Hz 1.0A input   24VDC 2A Output
Environment	Storage: -4°F ~ 140°F, 5% ~ 95% RH (non-condensing) Operation: 50°F ~ 95°F, 5% ~ 90% RH (non-condensing)
Battery Type	Lithium-Ion battery pack   11.55VDC   1.6A   4700mAh
Battery Full Operation Time	5.5 Hours
Battery Charge Time	4 Hours
Dimensions	18.11" x 18.11" x 0.59"
Weight	7.5 lbs



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