

# DR Wizard 2.0

## 14"x17" Wireless Glass-Free TFT Csl DR Flat Panel System

The next generation, flagship 14x17 wireless DR panel features the NEW innovative flexible TFT, allowing for a premium DR solution with exceptional durability. Its lightweight build and exceptional image quality makes it the perfect choice for any companion or mixed animal practice.



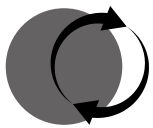
### Extended Battery Life

Perform exams with confidence in the most demanding clinical environments without the burden of frequent battery changes.



### Glass-Free Flexible TFT

This innovative technology makes the panel more durable than ever before. And combined with a carbon fiber chassis, the drop impact resistance is increased for the most demanding clinical environments.



### 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 Csl 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

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Contact us:

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2325 E. Saint Charles St.  
Rapid City, SD 57703



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## 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.



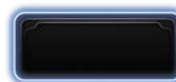
## Advanced Accu-Vet Software

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	Flexible TFT
Pixel Pitch	100 $\mu$ m
Image Data (AD conversion)	Pure 16 bit
Image Resolution	3,562 x 4,384
Image Size	14" x 17"
Data Interface	Wireless / Wired
Trigger Mode	Auto Exposure Detection (AED)
Sensitivity (LSB/uGy)	750
Max Liner Dose	100 $\mu$ Gy
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)	3.6 lp/mm
Preview Acquisition Time	$\leq$ 1.0s
Full Image Time	$\leq$ 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	9.5 Hours
Battery Charge Time	4 Hours
Dimensions	15.12" x 18.11" x 0.59"
Weight	5.95 lbs



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