

# DR <sup>10x13</sup> Wizard 2.0

## 10"x13" Wireless Equine Csl DR Flat Panel System

Emphasizing patient dose reduction and quick image acquisition, the DR Wizard 10x13 is the next generation, high-performance wireless DR panel known for being a "work-horse" in superior equine imaging.



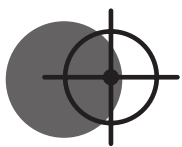
### Extended Battery Life

Up to 8 hours of battery life for all day field use. Perform exams with confidence in the most demanding environments without the burden of frequent battery changes.



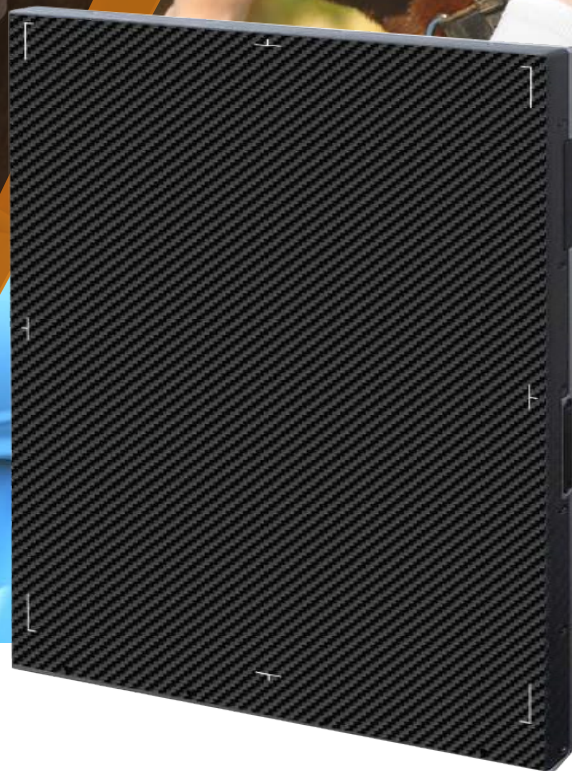
### Lightweight and Durable

The lightweight, small format design is perfect for detailed exams in the field. And the IP56 rating provides ultimate protection against liquid and dust intrusion in the most demanding environments.



### AED Technology

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



### 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



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## Protection Cases

Available with both gridded and non-gridded protection cases to provide ultimate panel protection. Cases are equipped with an ergonomical handle and locking latch for secure handling.



### 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.

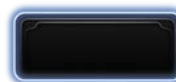
## Advanced Accu-Vet Software

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	3,318 x 2,528
Image Size	10" x 13"
Data Interface	Wireless / Wired
Trigger Mode	Auto Exposure Detection (AED)
Sensitivity (LSB/uGy)	750
Max Liner Dose	70µGy
MTF @ 2.0 LP/mm (@RQA5)	38%
DQE @ 1.0 LP/mm (2.5uGY@RQA5)	51%
DQE @ 3.0 LP/mm (2.5uGY@RQA5)	25%
Limiting Resolution (w/o phantom or grid)	3.5 lp/mm
Preview Acquisition Time	≥ 1.5s
Full Image Time	≥ 4.5s
Cycle Time	≥ 3.5s
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	8 Hours
Battery Charge Time	4 Hours
Dimensions	9.95" x 13.06" x 0.61"
Weight	4.4 lbs



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