

Tiger DR – CW Equine

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HD Wireless Detector for Veterinary Equine



Go Wireless 

CsI DIRECT DEPOSITION
LOW-DOSE IMAGING

High quality, simple, cost-effective CsI DR Wireless Solution

Maximum Waist-High Drop Protection*

Automatic Exposure Detection "AED"

Automatic Image Calibration for Precise Measurements

Foot Plate and Equine Blocks available

Rugged 17" Laptop w/TigerView DICOM Software
(Windows 10 Compatible)

*The Plate Encasement is engineered w/High Density Plastic providing excellent shear factor along with all radii/contoured edges. If it is accidentally dropped (average waist height) the combination of material selection and advanced engineering helps distribute the shear (impact).

The Plate is anti-scratch anodized aluminum enclosure with carbon fiber cover plate and anti-shock rubber edging. Reliable performance with water-proof (IP64) exterior casing for outdoor/field operation.



10x12 panel weighs only 5lbs.



Rapid 6-Second Processing



Highest pixel image quality



Compact, Durable Pelican Case



5 year warranty



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SPECIFICATIONS

Sensor		Environmental	
Scintillator	CsI	Operating	
Active Area	307 x 246 mm ²	Temperature Range	0 - 40°C
Pixel Array	2560 x 2048	Humidity Range (non-condensing)	30% - 75% RH
Pixel Pitch	120 µm	Storage	
Image Quality		Temperature Range	-20°C - 55°C
Limiting Resolution	>4.2 lp	Humidity Range	10% - 90% RH
MTF	70% (@1 lp/mm)	Water / Dust Proof	IP64
	40% (@2 lp/mm)		
	25% (@3 lp/mm)		
	15% (@4 lp/mm)		
DQE (RQA5, 14µGy)	~70% (@0 lp/mm) ~33% (@3 lp/mm)		
Sensitivity	~0.62ct/nGy		
Response Non-linearity	< ±0.5%		
Maximum Linear Dose	> 95µGy		
Dark Noise	~ 10nGy		
Dynamic Range	~ 82 dB		
Communication Interface			
Image Acquisition Time	8 seconds	Power	
Exposure Control	F ² AED External Sync/Manual	Maximum Power	Standby: 8W Operating: 17W
Communication Interface	WiFi/Gigabit Ethernet	AC Power	
		Power Supply	100 - 240V AC
		Frequency	50/50 Hz
		Battery	3200 mAH, 14.7V

System Includes: 10" x 12" Flat Panel Detector and rugged Pelican carrying case, two (2) Battery Packs, Battery Charger, Equine Acquisition TigerView Software, 17" High-resolution Laptop w/3 year support, Five (5) Year Standard Parts Warranty, Training & Installation.

Optional Upgrades and Add-ons: Additional Battery Packs, 14" x 17" Wireless Flat Panel Detector.

