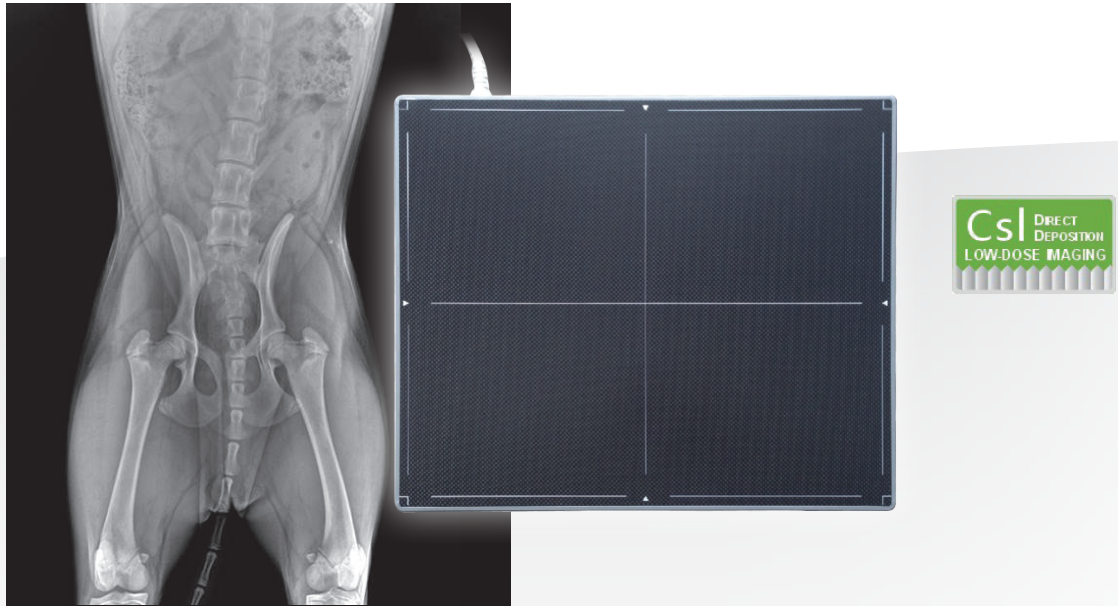


# Tiger DR – CT Vet

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## Cassette-sized Wired Detector



High Quality, yet Simple and Cost-effective  
CSI DR-Wired Solutions

### Available in sizes 14"x17" and 17"x17"

Tiger DR-Wired is a cassette size flat panel detector available with a 14"x17" active area sensor. TigerView DR-Wired fits into existing bucky trays and does not require a cable connection with an X-ray generator to synchronize the signals. The entire active area is prepared with the "Autosense" technology and takes care of the exposure timing.

This ultra thin and lightweight **wired** detector allows digitizing without modification of existing conventional imaging systems. Low power-consumption, thermal-efficient design, and **one-cable connection** make the Tiger DR – CT Vet easy to install and operate.

Tiger DR-Wired benefits include:

- Highest DQE and the best MTF among CsI detectors
- Superior Cesium Iodide (CsI) construction
- Rapid image acquisition in 8 seconds



8 lbs



2 sizes wired (14"x17" and 17"x17")



8 second image acquisition time



Directly integrates with TigerView software



No cassettes necessary



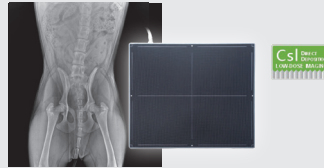
3 year warranty

Call us for an in-office demo today.

**1-800-385-9593**

# Tiger DR – CT Vet (10, 14)

## Cassette-sized Wired Detector



### 14" x 17" SPECIFICATIONS

Sensor	
Scintillator	Direct Deposit CsI: TI
Active Area	433.7 mm x 354.8 mm
Pixel Array	2816 x 2304
Pixel Pitch	154 µm
Image Quality	
Limiting Resolution	3.3 lp/mm
MTF	70% .....(@ 1 lp/mm)
	40% .....(@ 2 lp/mm)
	22% .....(@ 3 lp/mm)
DQE	~ 65% .....(@ 0 lp/mm)
	~ 20% .....(@ 3 lp/mm)
Sensitivity	~ 0.62 ct/nGy
Maximum Linear Dose	95 µGy
Dynamic Range	> 82 dB
A/D Conversion	16 bits
Communication Interface	
Communication Interface	Gigabit Ethernet
Image Acquisition Time	2 – 3 sec
Exposure Control	F <sup>2</sup> AED® (optional)
	Manual Sync External Sync
Environmental	
Operating	
Temperature Range	5°C – 35°C
Humidity Range (Non-condensing)	30% – 75% RH
Storage	
Temperature Range	-20°C – 55°C
Humidity Range (Non-condensing)	10% – 90% RH
Mechanical	
Dimensions	460 mm (h) x 384 mm (w) x 15 mm (d)
Weight	3.4 kg
Housing Material	Carbon Fiber (front)
	High Strength Aluminum Alloy (back)
Power	
Maximum Power (standby/operating)	< 8W / 20W
Power Supply	100 – 240V AC
Frequency	50/60 Hz
Regulatory	
FDA	K153058
CE	HD 60107735 0001
UL	E464810
HC	97158

### 17" x 17" SPECIFICATIONS

Sensor	
Scintillator	Direct Deposit CsI: TI
Active Area	434 mm x 434 mm
Pixel Array	2816 x 2816
Pixel Pitch	154 µm
Image Quality	
Limiting Resolution	3.3 lp/mm
MTF	70% .....(@ 1 lp/mm)
	40% .....(@ 2 lp/mm)
	22% .....(@ 3 lp/mm)
DQE	(@RQA5, 30 µGy)
	~ 65% .....(@ 0 lp/mm)
Sensitivity	~ 20% .....(@ 3 lp/mm)
	~ 0.62 ct/nGy
Response Non-linearity	< ± 0.5%
Maximum Linear Dose	95 µGy
Dark Noise	~ 8 nGy
Dynamic Range	~ 82 dB
A/D Conversion	16 bits
Communication Interface	
Communication Interface	Gigabit Ethernet
Image Acquisition Time	2 – 3 sec
Exposure Control	F <sup>2</sup> AED® (optional)
	Manual Sync External Sync
Environmental	
Operating	
Temperature Range	5°C – 35°C
Humidity Range (Non-condensing)	30% – 75% RH
Storage	
Temperature Range	-20°C – 55°C
Humidity Range (Non-condensing)	10% – 90% RH
Mechanical	
Dimensions	460 mm (h) x 460 mm (w) x 15 mm (d)
Weight	3.9 kg
Housing Material	Carbon Fiber (front)
	High Strength Aluminum Alloy (back)
Power	
Maximum Power (standby/operating)	< 8W / 20W
Power Supply	100 – 250V AC
Frequency	50/60 Hz
Regulatory	
FDA	K153492
CE	HD 60107735 0001
UL	E464810
HC	97159



For complete product information, visit [televeresystems.com](http://televeresystems.com).