

Tiger DR-Mars 14x17 Wireless Cesium X-Ray Panel



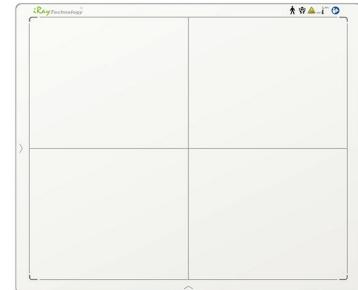
14x17 Wireless Cesium Flat Panel Detectors

Simple, easy, and cost-effective Cesium DR solutions

Mars 1417 is a best in class 14×17-inch, cassette-sized flat panel detector for radiographic imaging. Cutting-edge technologies include a novel light-weight housing design and low power automatic exposure detection (AED). With its exceptional image quality the Mars 1417 is an excellent choice for high-end DR systems.

Tiger DR-Wireless benefits include:

- Flat panel detector fits in bucky tray
- Full AED control, exposure at any time
- Best-in-class 100 µm pixel pitch with 16-bit ADC for more image details
- Large capacity battery design, with 8+ hours battery life
- Lightweight design with IP56 ingress protection
- Supports a fast workflow for a better user experience
- Direct deposition CsI, with excellent DQE at all frequencies
- 2 batteries and a charger
- Charge via battery charger (do not charge via tether)
- 2 year warranty on batteries and accessories
- Weight - 6.6 lbs without battery



Lightweight



Wireless 14"x17"



4.5 second image acquisition time



Directly integrates with TigerView



No cassettes necessary



3 year warranty



Call us for an in-office demo today

1-800-385-9593



2302 Beloit Avenue | Janesville, WI 53546 | p 800.385.9593

www.televeresystems.com

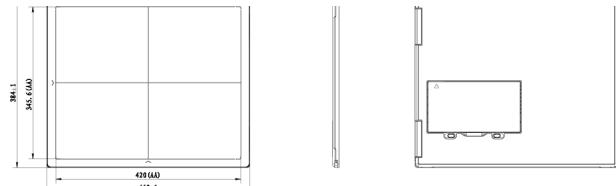
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SPECIFICATIONS

Basic Technical Specifications	
Detector Technology	Amorphous Silicon
Scintillator	CsI - Cesium Iodide
Active Area	14 in x 17 in
Number of Pixels	2304 x 2800
Pixel Pitch	150 μ m
Limiting Resolution	3.4 lp/mm
Ad Conversion	16 bit
Trigger Mode	AED / Software
Data Interface	Wifi
Weight	7.28 lbs
Water Proof	IPX5
Drop Height	70cm @3mm PVC w/Protect frame
Battery Capacity	8.5h @ 90s Cycle
Battery Charging	4h in charger



Workflow	
Trigger Mode	AED / Software
Preview Image Time	1.5 seconds
Full Image Time	4.5 seconds
Cycle Time	3.5 seconds



Environmental Requirement	
Operating Temperature	10°C ~ 35°C
Storage & Transport Temperature with Package	-20°C ~ 55°C
Operating Humidity	5% ~ 90%
Storage & Transport Humidity with Package	5% ~ 95%
Operating Atmospheric Pressure	700 mbar ~ 1060 mbar
Storage & Transport Atmospheric Pressure	700 mbar ~ 1060 mbar



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