

# AMT 1500Cwe

## 14 x 17 Wireless Cassette



### Easier Imaging

High-performance digital X-ray detectors designed for ease of use and safe transport. The magnetic handle provides convenient portability and can fold into the panel for quick compatibility with standard bucky trays.



### Versatile Hardware

Durable construction for stable long-term performance. Flexible AED allows advanced diagnostic technology to be used with all types of X-ray systems.



### Advanced Technology

Cesium iodide crystals grown in-house and hermetically sealed in packaging. More efficient low dose care with CareRay's patented imaging technology.



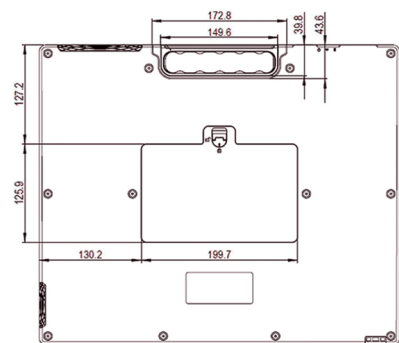
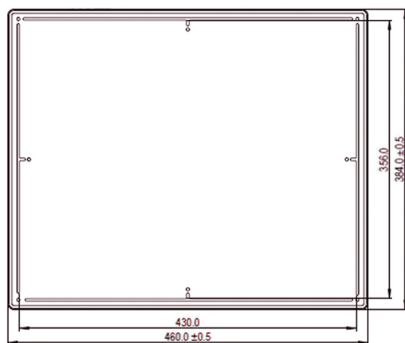
### Perfectly Balanced Care

Our newly designed 140µm TFT/PD panel. A precise balance of engineering factors perfectly built for highly detailed diagnostic imaging.

# AMT 1500Cwe Specifications

Sensor	
Scintillator	Direct-Deposit CsI
Active Area	430 x 356 mm
Image Matrix Size	3072 x 2560
Pixel Pitch	140 $\mu$ m
Image Quality	
Limiting Resolution	3.57 lp/mm
MTF ( Typical )	73% ( 1 lp/mm ), 44% ( 2 lp/mm ), 26% ( 3 lp/mm ), 19% ( 3.5 lp/mm )
DQE ( Typical )	71% ( 0 lp/mm ), 61% ( 0.5 lp/mm ), 54% ( 1 lp/mm ), 46% ( 1.5 lp/mm ) 40% ( 2 lp/mm ), 31% ( 2.5 lp/mm ), 23% ( 3 lp/mm ), 16% ( 3.5 lp/mm )
Maximum Linear Dose	70 $\mu$ Gy
Dynamic Range	> 80 dB
Lag	< 0.02% (60 seconds after exposure)
A/D Conversion	16 bits
Communication Interface	
Communication Interface	Gigabit Ethernet, WiFi (2.4/5 GHz)
Image Acquisition Time	2 - 4 s
Exposure Control	F <sup>2</sup> AED, Manual Sync, Software Sync
Environmental	
Operating Environment	Natural Cooling
Temperature Range	Operating: 5 - 35°C, Storage: -20 - 55°C
Humidity Range	Operating: 30 - 75% RH, Storage: 10 - 90% RH (Non-condensing)
Mechanical	
Dimensions	460 x 384 x 15 mm
Weight	~ 3.7 kg
Housing Material	High-strength aluminum alloy w/ carbon fiber imaging surface
Power	
Maximum Power	Max. 36VA
Power Supply	100 - 240V AC
Frequency	50/60 Hz

Dimensions (mm)



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