

# CareView® 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.



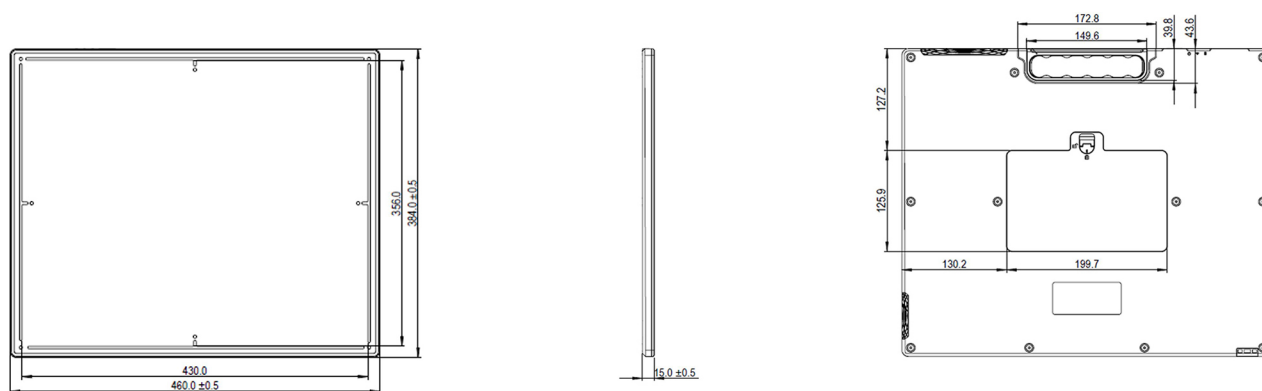
### Perfectly Balanced Care

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

# CareView® 1500Cwe Specifications

Sensor	
Scintillator	Direct-Deposit CsI
Active Area	43.0 x 35.6 cm
Pixel Array	3072 x 2560
Pixel Pitch	140 µm
Image Quality	
Limiting Resolution	3.57 lp/mm
MTF	~ 63% (@ 1.0 lp/mm), ~ 35% (@ 2.0 lp/mm), ~ 17% (@ 3.0 lp/mm), ~ 10% (@ 3.5 lp/mm)
DQE (@ RQA 5, 27 µGy)	~ 62% (@ 0.0 lp/mm), ~ 50% (@ 0.5 lp/mm), ~ 45% (@ 1.0 lp/mm), ~ 38% (@ 1.5 lp/mm) ~ 32% (@ 2.0 lp/mm), ~ 24% (@ 2.5 lp/mm), ~ 17% (@ 3.0 lp/mm), ~ 10% (@ 3.5 lp/mm)
Maximum Linear Dose	70 µGy
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	46.0 x 38.4 x 1.5 cm
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)



Specifications and appearance of products are updated periodically in our development cycles, and are subject to change without prior notice.  
©2020 CareRay Digital Medical Technology Co., Ltd. All rights reserved.

## CareRay Digital Medical Technology Co., Ltd.

2352 Walsh Ave., Santa Clara, CA 95051, U.S.A.

+1 (408) 418-3985

GlobalSales@CareRay.com

www.CareRay.com

