



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	430 x 356 mm
Image Matrix Size	3072 x 2560
Pixel Pitch	140 µm
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 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 ² 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

