

CareView[®] 1800Le

17 x 17 Tethered Cassette



Easier Imaging

Reliable high-performance digital X-ray detectors. Simple to install and easy to operate. Full-field subject positioning and rapid image acquisition.



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.



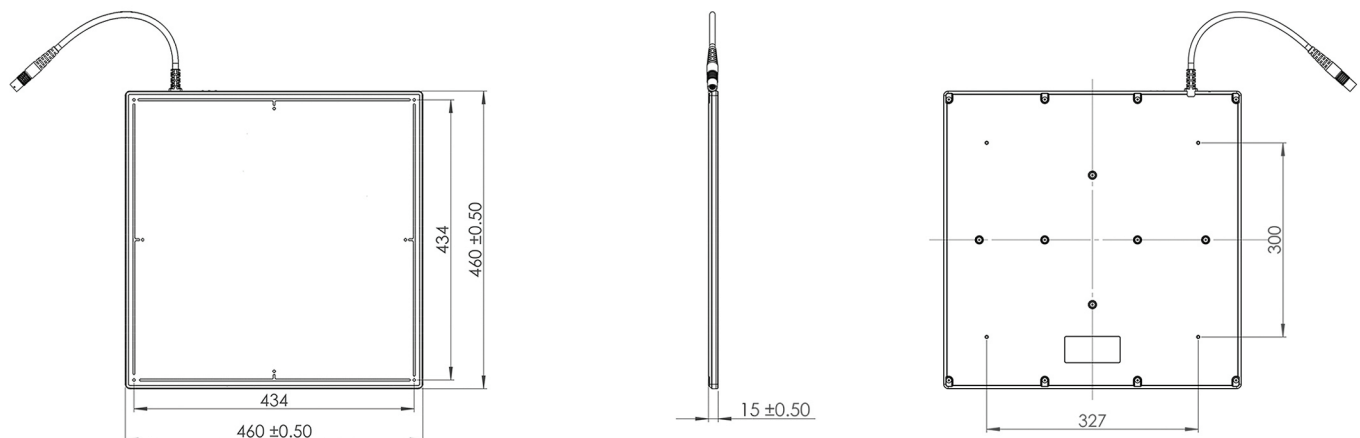
Perfectly Balanced Care

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

CareView® 1800Le Specification Data

Sensor	
Scintillator	Direct-Deposit CsI (Cesium Iodide)
Active Area	430 x 430 mm ²
Image Matrix	3072 x 3072 pixels
Pixel Pitch	140 μm
Mechanical	
Dimensions	460 x 460 x 15 mm ³
Weight	3.96 Kg
Housing Material	Carbon fiber imaging plate, high strength aluminum alloy body
Communication	
Communication Interface	Gigabit Ethernet
Acquisition Time	2 - 4 s
Exposure Control	F ² AED® (Full-Field AED), Manual Sync, External Sync
Image Quality	
Spatial Resolution	3.57 lp/mm
MTF	≥63% (@ 1 lp/mm), ≥35% (@ 2 lp/mm), ≥17% (@ 3 lp/mm)
DQE (RQA5, 30 μGy)	≥62% (@ 0 lp/mm), ≥17% (@ 3 lp/mm)
Dynamic Range	> 80 dB
Environmental	
Temperature	5 - 35 °C operating, -20 - 55 °C in storage
Humidity	30 - 75% RH operating, 10 - 90% RH in storage
Power	
Power Supply	100 - 240 Volts AC
Frequency	50/60 Hz
Power Dissipation	22 W operating, < 8 W in standby mode

Dimensions (mm)



Specifications and appearance of products are updated periodically in our development cycles, and are subject to change without prior notice.
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