

X-ICAD uses the world leading high quality film digitizers from VIDAR systems Corporation and the Intelligent CR Company.

VIDAR Scanners

VIDAR's DiagnosticPRO film digitizer has been the market-leading digitizer for picture archiving and communication systems (PACS), teleradiology, and general radiography, serving solutions providers and end-users well since its introduction five years ago.

VIDAR's DiagnosticPRO Advantage film digitizer has achieved the highest reliability, image quality, consistency, and best overall productivity than any other digitizer on the market. The Diagnostic Pro is X-ICAD's preferred scanner for larger scanning projects. In addition to a higher level of image quality and more consistency, the DiagnosticPRO Advantage has been designed for increased speed. It digitizes film two times faster than previous models and will digitize up to 25 mixed-sized films in batch mode, allowing more productivity and greater efficiency — key benefits for on-site image capture.

The DiagnosticPRO Advantage requires virtually no routine maintenance and no daily cleaning. VIDAR's digitizers also achieve a mean time between failure of $\geq 50,000$ hours — the equivalent of nearly six years. For busy radiology departments, this highly reliable, maintenance-free performance translates into greater up-time, improved productivity, reduced operating costs, and increased revenue for users.

iCRCo. Scanner

The iCR-612SL film digitizer from The Intelligent CR Company has been used throughout X-ICAD's history and has proven to be an extremely reliable and efficient imaging device. Medical personnel can expect digital images accurate to the hard-copy film. The vertical orientation of the main components protects mirror and lens from particles and dust. Fixed optical components and a light path which is limited to a single mirror eliminates image deterioration that can be caused by vibration and reflective interference.



Features include:

- DIOM 3.0 Interface
- Integrated light box
- Compact and mobile
- 12 and 16 bit grayscale, 12 to 8 bit conversion
- Scanning speeds off 300 dpi (4.8 x 4.8k) 30 seconds
- Optical Density Range of 0.01 – 3.7 O.D. Actual.
- Media up to 14 x 17 inches (35 x 45 cm)

