

Reveal 35C™

Flat Panel Detector



Choose what you want to see

- ✓ Three images help see chest pneumonia, fractures, tubes and masses with high sensitivity.
- ✓ Absolutely no motion artifact. Portable. Single shot.
- ✓ Add *true* dual energy subtraction capability to *any* x-ray machine.
- ✓ FDA cleared



Reveal™ is the world's first portable digital detector capable of separating different energy levels in a single exposure. Without motion artifacts¹, it simultaneously captures dual-energy images and very-high DQE digital radiography (DR) images². Using KA Imaging's patented technology, Reveal™ differentiates bone and soft tissue while maintaining low exposure to radiation.

Reveal™ features a portable design, which makes it ideal for fixed and mobile DR applications. The detector has been designed in the standard cassette size, allowing for retrofit in any existing X-ray system.

In medical applications, dual-energy technology has been clinically proven to be effective in imaging and diagnosing pulmonary disease³.

Innovation in dual-energy X-ray screening

MORE DETAIL IN DIFFERENT VIEWS



1. Maurino, S. L., Ghanbarzadeh, S., Ghaffari, S., Zhang, T., Cunningham, I., & Karim, K. S. (2018, June). Evaluation of A Novel Stacked Triple-Layer Flat-Panel X-Ray Detector for Dual-Energy and Digital Radiography Imaging. In *Medical Physics* (Vol. 45, No. 6, pp. E137-E137). Wiley.
2. Maurino, S. L., Badano, A., Cunningham, I. A., & Karim, K. S. (2016, March). Theoretical and Monte Carlo optimization of a stacked three-layer flat-panel x-Ray imager for applications in multi-spectral diagnostic medical imaging. In *Medical Imaging 2016: Physics of Medical Imaging* (Vol. 9783, p. 97833Z). International Society for Optics and Photonics.
3. McCollough, C. H., Leng, S., Yu, L., & Fletcher, J. G. (2015). Dual-and multi-energy CT: principles, technical approaches, and clinical applications. *Radiology*, 276(3), 637-653.

+1 226 215 9897
sales@kaimaging.com



@kaimaging
www.kaimaging.com



FDA 510(k) cleared