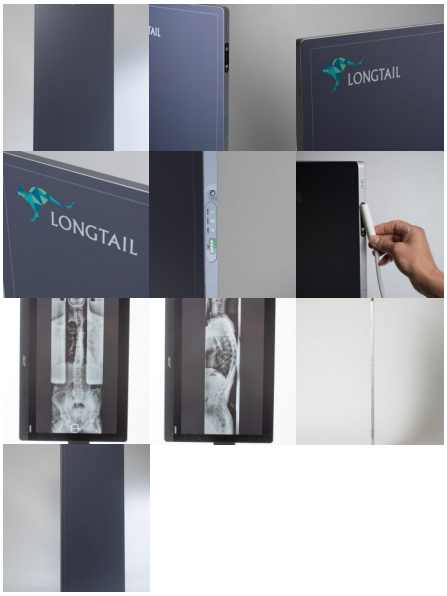
# X-RAY EQUIPMENT






## LONGTAIL- THE FULL SPINE FLAT PANEL DR PACKAGE

The Longtail is the world's first monolithic full-spine flat-panel DR detector. No more long scan wait, no image stitching, no image gaps, and no plate overlap.

It is the first of it's kind to produce long-bone and full-spine digital studies instantaneously with the highest geometric accuracy.

At 44 inch (112 cm) long, the Longtail can take a full spine 42 x 17 inch (108 x 43 cm) X-ray images in just one single shot. With tripled power of image acquisition, Longtail reads out images as fast as any regular 14 x 17 inch or 17 x 17 inch detectors and processes outstanding images with high DQE and high resolution. Equipped with highly sensitive AED function, the Longtail can be easily connected to and synchronized with any kind of generator.

Use of the Longtail delivers the lowest dosage for the most sensitive patients, or those who require multiple images over time. It can also can reduce dosage for full-spine. and long-bone studies by at least 50% while providing the highest geometric accuracy available. The monolithic panel reduces unevenness and provides a perfect density gradient with no overlap.

**Longtail DR features:**

- The Longtail is fitted with two rechargeable lithium ion batteries that take 2-3 hours to fully charge. One full charge yields 650 exposures and lasts 11 hours in standby mode. For wired use, the Longtail comes with a 5m magnetically connected cable.
- The Longtail detector can also be used for localized studies by simply collimating to the area of clinical interest. The Longtail app will auto-shutter to generate images of any part of the body.
- DROC is a DR image acquisition workstation based on Windows. It provides complete control of all image capture functions for DR application. It delivers the better image quality with lower dose. DROC also has fully integrated with most of imaging components as X-ray generators, flat panel detectors (FPD), collimators, DAPs, and mechanical positioning systems. Intuitive User Interface and Workflow.
- Advanced Clinical applications.

**Lead time:** Subject to stock availability, transit times and radiation licensing. Estimated shipping date to be provided once the purchase is confirmed

Read More
**CODE** E-GEN1098
**Price:**
**Category:** Digital Radiography
**Tags:** Digital radiography, DR, Full Spine, Imaging Stitching, Leg length, Longtail, Orthopedic Imaging, Spine