

Small. Precise. Powerfull.

Big Performance in a Small Format

Introducing the Lux HD 2530 — our next-generation, small-format digital detector designed to meet the diverse demands of modern radiology departments, from routine imaging to specialized pediatric applications. Compact yet advanced, the Lux HD 2530 delivers consistent, high-quality imaging with advanced technology that enhances workflow efficiency and supports confident diagnoses.



Advantages at a Glance

- Lightweight, glass-free, and durable design enables easy handling, minimizing strain on technologists and reducing the risk of drops.
- 100µm pixel pitch delivers high-definition images with exceptional clarity and fine detail.
- Carestream Detector Exposure Control (DEC)¹ automatically adjusts exposure for optimal image quality, ensuring reliable and consistent imaging.

Lux HD 2530 Detector

Compact, Advanced, and Built for Care

The Lux HD 2530 features a lightweight, ergonomic design with integrated grips to help reduce technologist strain and improve ease of handling. Built for durability, it offers exceptional ingress protection against dust and fluids. It is engineered to withstand the bumps and drops common in today's demanding healthcare environments, helping ensure optimal uptime with fewer disruptions to imaging.

With its 100-micron pixel pitch, the Lux HD 2530 delivers exceptional image clarity, capturing sharper edges, detailed anatomical structures, and subtle abnormalities with precision. This high-resolution performance supports confident diagnostic decisions and enables timely initiation of care.

Impactful Imaging.

From the radiology department to the NICU—and everywhere in between—the Lux HD 2530 brings efficiency, precision, and confidence to every exam. Powered by advanced technology, it delivers consistent, high-quality imaging that streamlines workflow and supports confident diagnoses, making it an essential tool to elevate your imaging operations and the level of care you provide.

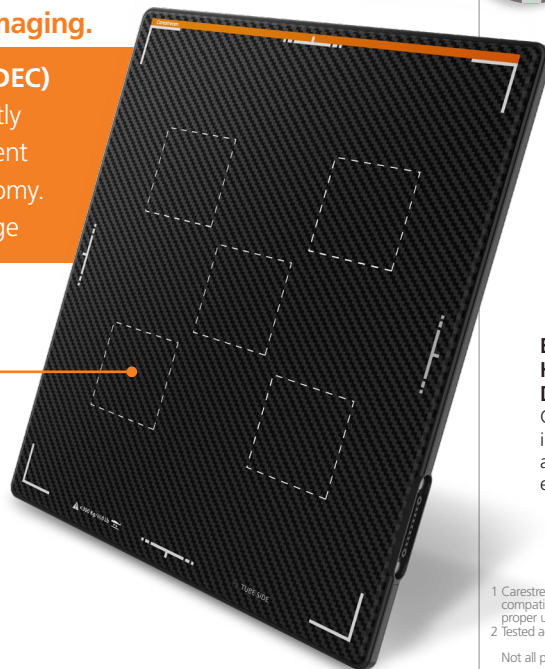
Key features include:

- **Lightweight:** 3.97 lbs (1.8 kg) without battery for easy handling.
- **100µm Pixel Pitch:** High-resolution images with exceptional clarity.
- **IP67 Protection:** Exceptional dust and fluids resistance.
- **1.5m Drop-Tested²:** Rugged design for reliable performance.
- **GUI Display:** At-a-glance visibility of connection status, battery level, and system alerts.
- **Long-Lasting Lithium Battery:** Extended battery life helps maximize image capture

Advanced Technology for Smarter Imaging.

Advanced Detector Exposure Control (DEC)

integrates automatic exposure control directly into the detector, delivering precise, consistent exposures regardless of patient size or anatomy. It reduces unnecessary dose, optimizes image



Everyone Benefits.

Patients

- Small, lightweight design that's easy to position or hold, making cross-table exams less intrusive and more comfortable.
- Delivers sharp, high-resolution images to support accurate diagnosis and timely care.
- Carestream DEC protects against unnecessary radiation by optimizing exposure and reducing the need for repeat imaging.

Radiographers

- Integrated grip and lightweight design provide easy handling and accurate positioning, while helping reduce physical strain.
- Carestream DEC streamlines imaging by minimizing manual technique adjustments, ensuring consistent image quality, improved workflow efficiency, and fewer retakes.

Radiology Administrators

- Durable, glass-free design and high IP rating ensure the detector's robustness for daily operations, minimizing downtime.
- The lightweight design alleviates physical strain and fatigue, enhancing staff well-being and satisfaction.
- X-Factor sharing enhances versatility and ROI by enabling seamless integration across Carestream DRX equipment.

Radiologists

- Carestream DEC delivers consistent exposure across different patients and technologists, ensuring reliable image quality that simplifies reading, comparison, and pathology tracking.
- 100µm pixel size enhances spatial resolution, providing sharper, more detailed images that allow for better visualization of fine anatomical details and improve diagnostic accuracy.



Eclipse: Harness the Power of Decades of Innovation.

Carestream's Eclipse is the engine behind our innovative imaging software. It uses AI technology and proprietary algorithms to significantly increase the value of the entire imaging chain, from capture to diagnosis.

1 Carestream Detector Exposure Control (DEC) is an optional feature and may not be compatible with all systems or configurations. Always follow product documentation for proper use and application guidance.
2 Tested according to MIL-STD-810G.

Not all products and functionality are available in all countries, speak to your sales representative for details on availability.

carestream.com/detectors



"Rx only"

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