Definium™ XR120

See digitally. See beyond.

Upgrade your imaging capabilities

X-ray imaging technology is changing. It's becoming more advanced. And in modern healthcare, imaging facilities need more immediate access to imaging data because patient diagnosis and treatment depend on it.

Definium XR120 brings the world of digital technology to imaging facilities that rely on analog equipment. As a competitive digital alternative, the Definium XR120 wireless digital detector seamlessly adapts to both fixed and mobile x-ray systems, and is available with the latest 127 μm cesium iodide technologies.

Make confident decisions faster— with better imaging data.

Meet the future of imaging technology

Inspired by the need to deliver a cost-effective digital alternative to imaging technology, Definium XR120 streamlines workflow and saves valuable time, while providing wireless access to critical data from anywhere with on-the-go mobile viewing.

Anywhere, anytime access
Unique, **Easy Drive** mobile image preview lets X-ray technicians conveniently upload worklists, store up to 200 images, and preview stored imaging data inside the detector with any wireless smart device for care on the go.

Versatility starts with flexibility
Available for both fixed and mobile devices, the Definium XR120, powered by Automatic Exposure Detection (AED), does not require any electrical connection to the system and improves workflow by creating fewer steps than traditional computed radiography technology.

Fast preview
Image acquisition within two seconds allows swift decision-making for multiple shots.

Virtual grids
SW algorithm removes scattered X-ray beams without the need for an anti-scatter grid. This drastically reduces the amount of radiation patients are exposed to using the virtual grid function.

Available in multiple sizes
Definium XR120 detectors are available in multiple sizes for a more seamless upgrade that gives you the advantages of a Direct Digital X-ray system. Plus, it supports up to three detectors with one workstation.

Available sizes include:

10" x 12" | 14" x 17" | 17" x 17"

Advanced stitching capabilities
Advanced stitching capabilities let you merge up to four images.

Thoracic Care Suite (TCS) support (option)
Equipped with on-console AI technology, Definium XR120 displays results from the Thoracic Care Suite without PACS requirement directly onto the device.

Chiropractic tools are built right in
With 50 advanced measurement tools for today's chiropractic practice, the Definium XR120 provides endless imaging capabilities with Smart Guide tutorials to guide you through them.

Durability you can depend on
Water-resistant to most typical water spills and tested for dust resistance (IP66), the Definium XR120 is extraordinarily durable, even in the most demanding clinical environments.

Detector payload and drop grade
The Definium XR120 can support up to 300 kg (661 lb) over the whole area of detector window and 150 kg (330 lb) partial pressure. It can also withstand drops from heights of up to 1.2 meters.

Printing made easy
When it comes to printing capabilities, built-in functionality utilizes one film to print multiple patients.

More mobility
A lightweight design* with wireless detectors makes the Definium XR120 completely portable and easy to move.

*Only 1.68 kg for 10" x 12" format, 3kg for 14" x 17" format and 3.5kg for 17" x 17" format (including batteries).

User-friendly design
More convenient for grasping and handling, the Definium XR120 is ergonomically designed with curved edges and an anti-slip grip nonslip back.

Cybersecurity
GE Healthcare is committed to safeguarding Protected Health Information (PHI) and Personal Information (PI) in conformance with applicable laws, regulations, and industry practices.
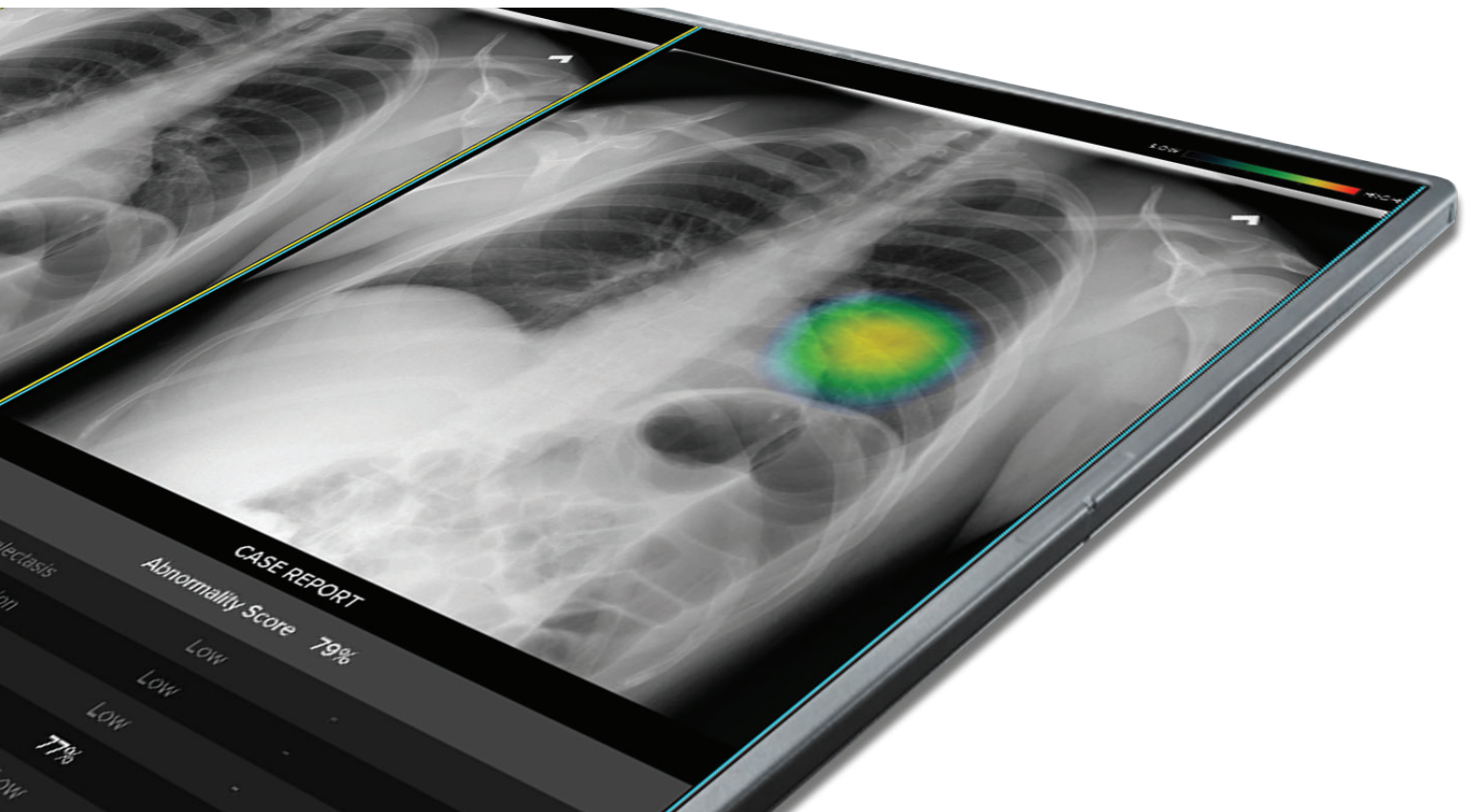
GE Healthcare

AI-driven insight for better care

Thoracic Care Suite (AI) automatically analyzes images for the presence of eight abnormal radiologic finding include: atelectasis, calcification, cardiomegaly, consolidation, fibrosis, mediastinal widening, nodule, and pleural effusion detection.

Supports tuberculosis detection and helps detect pneumonia or ground glass opacities which are indicative of COVID-19.

Abnormal finding can be displayed on the Definum XR120 console without PACS requirement.