

An upgrade to drive X-ray excellence





Advance image quality, efficiency and security with the Definium™ 656 HD Gen. 5.1

The Gen 5.1 upgrade for your Definium™ 656 HD Gen 3-5 digital X-ray system provides new image acquisition and workflow technology to maximize image quality, ease workflow and better protect data.




Designed to make your day easier

A common user interface, an improved positioning solution and intelligent applications assist technologists, simplify tasks and expand patient coverage.

Live-streaming camera on the tube head and automated positioning:

 Monitor patient status	 Better time exposures	 Potentially reduce rejected images	 Enhanced positioning automation to maintain good patient positioning with less physical effort via Reverse tracking on wall stand
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Improved clinical confidence

 <p>Advanced image processing with Helix™ 2.2</p> <ul style="list-style-type: none">• Anatomy specific image enhancement• AI-driven brightness & contrast and challenging exam conditions	 Improved patient coverage with new 17×17 in. detector†	 59 anatomy view combinations with AI-driven automated brightness and contrast
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Stay ahead of cybersecurity threats

To protect from the increased risk of cyber attacks, malware and security vulnerabilities, your Gen. 5.1 upgrade includes our latest security software:

 Latest OS release	 Anti-virus protection	 Data encryption and storage	 Secure interconnection to external storage
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Easier than you think

GE Healthcare can get your upgraded system up and running quickly, so you won't have to wait to take advantage.

eDelivery: Enable remote upgrade or installation of new SW features without down time & wait time.

Access advanced applications and AI tools

Gen. 5.1 upgrades your previously purchased advanced applications and equips your system to take on optional new capabilities, as well.

Intelligent Workflow Suite[‡]

- **Position Assist:** Make the first image count
- **Technique Assist:** Create more consistent images
- **Patient Snapshot:** Improve clinical confidence

Support for advanced applications

Now you have the option to add a variety of on-device clinical applications including:

- **VolumeRAD:™[‡]** Digital Tomosynthesis providing additional diagnostic information with multi-level image slices
- **Angulated Image Pasting:[‡]** creates images that extend beyond the size of the detector with a highly automated and efficient procedure
- **Dual Energy:[‡]** Separate soft tissue and bone structure to allow detection of abnormalities that are possibly obscured in conventional radiograph

On-device AI solutions to obtain decision support

- **Quality Care Suite:[‡]** Provides real-time, on-device, automatic quality checks for frontal chest X-ray
- **Critical Care Suite:[‡]** Helps with case prioritization and quality control



Disclaimers:

† Option to buy

‡ Optional feature

References:

1 GE whitepaper: High resolution for improved visualization (DOC2045904)

