Carestream

Focus HD 35/43 Detectors
with Image Suite V4 Software

Sharpness. Clarity. Confidence.

SMART IMAGING SOLUTIONS

High-Definition Detectors for Optimal Image Quality.

The CARESTREAM Focus HD 35/43 Detectors[1] offer new solutions for budget-minded hospitals and clinics that refuse to compromise on image quality or quality of care. The 100-micron pixel pitch provides a higher resolution for improved image details and allows for image magnification for enhanced visibility of small objects and microstructures.

Our new detectors deliver the unparalleled wireless performance you expect from Carestream and have earned an IP56 rating for exceptional protection against dust and fluid ingress. They utilize a Cesium iodide scintillator for dose-sensitive patients and use CARESTREAM Image Suite Software, powered by Eclipse, for unrivaled image-processing capabilities.

[1] Region-specific. Not available in all countries. Contact your Sales Representative for details.

Advantages at a Glance

- 100-micron pixel pitch provides a higher resolution.
- Wireless design accelerates workflow.
- Image Suite Software improves workflow efficiency and optimizes performance for DR systems.
- Choose from two sizes: 35x43 and 43x43.

Focus HD 35/43 Detectors
with Image Suite V4 Software

The Power Behind the Detector: Image Suite Software.

The Image Suite software platform combines advanced image processing and robust functionality for maximum efficiency in smaller facilities. Image Suite Software:

- Provides a simple and intuitive user interface.
- Allows automated workflow with uniform protocols.
- Windows 10 Platform provides added cyber security.
- Offers an optional Mini-PACS module with a broad tool set, allowing superb image management and analysis.
- Performs backups to CDs and USB drives for reliable off-line storage.
- Offers a tablet-viewing option[2] for image review with patients to help you better explain your diagnoses.
- Provides custom measurement tools for chiropractic, orthopaedic and veterinary practices.
- Provides enhanced workflow efficiency with optional Automatic Long-Length Image Stitching feature[3].

[2] Tablet-Viewer Software is a purchasable option and requires a separate license.
[3] Optional Long-Length Imaging Auto-Stitching not available in all regions.

Focus HD 35/43 Detector Specifications:

Model Name	Focus HD 35	Focus HD 43
Pixel Size	100 µm	100 µm
Scintillator	CsI (Cesium Iodide)	CsI (Cesium Iodide)
External Dimensions	384 x 460 x 15 mm	460 x 460 x 15 mm
Weight (with Battery)	3.0 kg / 6.61 lbs	3.5 kg / 7.72 lbs
AD Conversion	16 bits	16 bits
IP Rating	IP56	IP56
Limiting Resolution	5 lp/mm	5 lp/mm
Auto Beam Detection	Yes	Yes
Drop Capability	75 cm	75 cm
Internal Drop Sensor	Yes	Yes
Load Limit	300 kg evenly distributed over detector area; 100 kg applied to 4 x 4 cm point.	
Battery Performance @ 90s Acquisition Rate	8.5 hours	7.5 hours

Focus HD Detectors provide a high spatial resolution at both low- and high-frequency applications. It makes small objects and microstructures more visible to radiologist with high contrast.

Imaging Software Powered by Eclipse

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.

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Rx Only

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