Carestream

Focus HD 35/43 Detectors

# Sharpness. Clarity. Confidence.

SMART IMAGING SOLUTIONS

## High-Definition Detectors for Optimal Image Quality.

The CARESTREAM Focus HD 35/43 Detectors 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 ImageView Software, powered by Eclipse, for unrivaled image-processing capabilities.

## Advantages at a Glance

- 100-micron pixel pitch provides a higher resolution.
- Wireless design accelerates workflow.
- ImageView Software, powered by Eclipse, elevates image processing to a new level.
- Choose from two sizes: 35x43 and 43x43.

## ImageView Software, Powered by Eclipse, Harnesses the Power of AI.

Eclipse is the engine that drives ImageView Software and offers a wide range of advanced features and capabilities. It uses artificial intelligence (AI) technology and proprietary algorithms to provide compelling benefits in three key categories – Imaging Intelligence, Workflow Intelligence and Analytics Intelligence.

### Key Features:

- Faster imaging process for staff and more comfort for patients.
- Customizable "looks" to suit your preferences.
- Wide range of specialized viewing options – including Bone Suppression, Tube and Line Visualization, pneumothorax and many more.
- Consistent interface used across all Carestream image-acquisition products.
- Fewer screen transitions for time savings and enhanced workflow.
- Built-in "Secure by Design" elements for intrusion protection and prevention.

### 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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