DryView 6850 Laser Imager
Superior imaging, easy operation
CARESTREAM DRYVIEW 6850
Laser Imager


The CARESTREAM DRYVIEW 6850 Laser Imaging System delivers exceptional performance and superb image quality for diagnosis, image sharing and film archiving. It prints from a full range of modalities, including computed radiography and full-field digital mammography.

This high-speed laser imager delivers up to 200 films per hour with super-sharp 650 ppi resolution on every size film. Three film drawers accommodate five film sizes for on-demand printing and an optional five-bin sorter enables easy retrieval of films by modality. The printer’s compact size simplifies convenient placement.

An intuitive user interface includes a built-in training video and help button for quick answers to operational questions. Available CARESTREAM REMOTE MANAGEMENT SERVICES proactively inform customers of potential service issues.

A product of Carestream Health’s leadership in medical printing, the versatile and affordable DRYVIEW 6850 Laser Imager uses proven technology to deliver the high-quality results you need—quickly, easily and reliably.
Superb image quality
• Images are printed with high-resolution 650 ppi, meeting the spatial resolution needs of digital mammography.
• Automatic Image Quality Control (AIQC) uses a built-in densitometer to maintain film-to-film consistency, configurable to meet users’ needs.

The speed you need
• Time to first print—just 60 seconds.
• Films per hour—up to 200.
• Smaller sizes faster.

Choice of film sizes
• Print on five film sizes 8 x 10 in. (20 x 25 cm), 10 x 12 in. (25 x 30 cm), 14 x 14 in. (35 x 35 cm), 14 x 17 in. (35 x 43 cm)—including 11 x 14 in. (28 x 35 cm), which is ideal for CR and DR.
• Load any of five film sizes in the imager’s three film drawers for on-demand printing.

Ease of operation
• A multilingual touch-screen user panel features an instructional video to simplify installation, operation and user training.
• Film cartridges load easily in full daylight. Each cartridge holds 125 film sheets to minimize loading frequency.
• An optional five-bin top-mounted sorter provides quick access to desired patient films, by modality.

Simplified installation
• An installation guide in the user interface provides clear, detailed instructions using video.
• Space-saving, ergonomic design fits easily into most work areas.

Minimized maintenance
• DryView technology does not use thermal print heads. No daily or weekly maintenance is required on print heads or film transport rollers.

Broad printing capability
• Print from CR, DR, CT, MR, US, NM, PACS, digital fluoroscopy, full-field digital mammography (FFDM) and other grayscale film applications.
• One imager can serve multiple modalities requiring quick access to patients’ studies.
• Ideal for CR-to-print applications.

Mammography printing
• Print high-quality images from mammography CR systems or FFDM systems.
• Supported with DryView Mammography Laser Imaging Film.

Web monitoring
• CARESTREAM Remote Management Services proactively monitor printer status via the Web, allowing for faster service response time.
• Both Carestream Health technicians and the user are notified if service is needed; ensures high performance and reliable long-term operation.

Count on Carestream Health
• CARESTREAM DryView Laser Imagers deliver proven performance and earn consistently high customer satisfaction ratings.
• DryView Laser Imagers offer broad connectivity, exceptional image quality and proven reliability.
• More than 1,700 Carestream Health professionals are dedicated to world-class service and support.
## Description
- CARESTREAM DryView 6850 Laser Imager

## Technology
- Photothermographic (dry laser)
- True laser technology
- 650 pixels per inch, 39 micron laser spot spacing
- 14-bit pixel depth architecture

## DryView laser imaging quality
- Time to first print: 60 seconds
- Up to 160 films per hour
- Smaller sizes faster

## Choice of film sizes
Each of three film drawers holds any of the following sizes online:
- 14 x 17 in. (35 x 43 cm)
- 14 x 14 in. (35 x 35 cm)
- 11 x 14 in. (28 x 35 cm)
- 10 x 12 in. (25 x 30 cm)
- 8 x 10 in. (20 x 25 cm)

## Optional film sorter
- 5-bin sorter holds up to 50 film sheets in each bin

## Automatic Image Quality Control (AIQC)
- Configurable to meet user needs
- Ensures consistency from film to film

## Network connectivity
- Integrated interface supports printing from DICOM print modalities
- Connect non-DICOM modalities using PACS Link Medical Image Managers

## Network connection
- 10/100/1000 (supports jumbo frame) BaseT Ethernet connection to imager
- Network connection via CAT5 UTP cable terminating in an RJ-45 plug

## DICOM SOP Classes supported*
- Basic Grayscale Print Management Meta SOP Class
- Color Print Management Meta SOP Class
- Presentation LUT SOP Class
- Basic Annotation Box SOP Class
- Verification SOP Class

## Dimensions/weight
- Height: 45.1 in. (114.6 cm)/58.6 in. (148.8 cm) with sorter
- Width: 29 in. (73.7 cm)
- Depth: 25 in. (63.5 cm)
- Weight: 587 lb (267 kg)/632 lb (287 kg) with sorter

## Power
- Universal power
- 100–240 VAC; 50/60 Hz; maximum 15 amps

## Operating environment
- Temperature: 59 to 95°F (15 to 35°C)
- Humidity: 20 to 85% RH, non-condensing
- Magnetic field: < 50 Gauss
- Altitude: –100 to 10,000 ft

## Environmental effects
- Heat dissipation: maximum of 4,800 BTU/hour
- Floor load: weight 560 lb (255 kg), 120 lb/sq ft

## User interface
- Touch-screen display panel used for:
  - Installation and additional modality connections
  - Image quality optimization
  - User training and operational instructions
  - Troubleshooting and corrective action

## Languages supported:
- Simplified Chinese, English, Japanese, Korean, French, German, Italian, Spanish, Portuguese, Turkish, Russian, Polish

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