New CONSOLE ADVANCE with enhanced functions for the FDR D-EVO series

The sophisticated design of the GUI contributes to the safe, comfortable and efficient performance of all radiographic examinations.

In addition to the familiar basic operation, new gradation design, monitor and the intuitive arrangement of operation buttons make it possible to check and confirm information quickly and accurately.

The image display area on the display monitor is larger, and enables easy checking of diagnostic images. An optional touch panel monitor ensures quick and accurate operation.

CASSINO ADVANCE controls both the FDR D-EVO series and FCR, providing a consistent user interface.

- Both FDR D-EVO and FCR readers can be connected simultaneously thus reducing space requirements in the X-ray room.
- Workflow is streamlined by removing the need for duplication of data entry.
- Utilizing a common set of processing algorithms, consistent results are produced from both FCR and FDR D-EVO allowing for easier image management.

FDR D-EVO plus C35i Specifications

<table>
<thead>
<tr>
<th>Model name</th>
<th>Flat panel detector (DR-ID 611SE) for FDR D-EVO system (DR-ID 930)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Cassette size detector with ISS (Irradiation Side Sampling system)</td>
</tr>
<tr>
<td>Scintillator</td>
<td>CsI (Cesium iodide)</td>
</tr>
<tr>
<td>Detector external size</td>
<td>460 x 364 x 15mm (Approx. 18&quot; x 15&quot; x 0.6&quot;)</td>
</tr>
<tr>
<td>Weight</td>
<td>3.6kg (8lbs.) (including battery)</td>
</tr>
<tr>
<td>Pixel pitch</td>
<td>0.15mm</td>
</tr>
<tr>
<td>Pixels</td>
<td>2880 x 2304 pixels</td>
</tr>
<tr>
<td>Wireless standard</td>
<td>IEEE 802.11n, 5.2GHz</td>
</tr>
<tr>
<td>Cycle time</td>
<td>Approx. 1sec</td>
</tr>
<tr>
<td>Battery charging time</td>
<td>Approx. 3hrs (including battery)</td>
</tr>
<tr>
<td>Battery performance</td>
<td>Standby: Approx. 24 hrs / 30 hrs (active)</td>
</tr>
<tr>
<td>Number of exposures*</td>
<td>Approx. 500 exposures (12 sec cycle) *When its connected to the X-ray equipment directly</td>
</tr>
</tbody>
</table>

External appearance and specifications are subject to change without notice. All brand names or trademarks are the property of their respective owners. All products require the regulatory approval of the importing country. For details on this availability, contact our local representatives.

Please contact FUJIFILM's authorized distributor for FDR D-EVO X-ray system.

Cassette DR Solution

DR cassette which offers high resolution images while using low dosage exposure.

<table>
<thead>
<tr>
<th>CsI Scintillator</th>
<th>ISS Technology</th>
<th>35x35</th>
<th>Wireless</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR-ID 600 MP</td>
<td>DR-ID 600MC</td>
<td>CONSOLE ADVANCE</td>
<td>FDR D-EVO Plus C35i</td>
</tr>
</tbody>
</table>

Optional parts

- DR-ID 600 Battery
- Battery charger

**FDR D-EVO G35i**

**FCR Reader DICOM MWM/MPPS**

**CONSOLE ADVANCE**

**FDR D-EVO G43i**

*When it’s connected to the X-ray equipment directly.

Cassette DR Solution

FUJIFILM Corporation

A novel cassette which allows more precise examinations with greatly reduced burden on patients

An outstanding technology achieves sharper images and more efficient X-ray conversion

Fujifilm's new Flat Panel Detector capitalizes on the high X-ray absorption characteristics of CsI and the ability of its needle crystals to deliver high image sharpness. In addition, application of the company's proprietary ISS technology has allowed even greater improvements in image quality, and lower patient dose, when compared to conventional CsI detectors.

ISS technology

“ISS technology” sees the TFT sensor placed in front of the scintillation layer instead of its traditional position behind it. This technology permits a higher resolution image and reduced doses.

Enhanced image processing

Fujifilm's proprietary technology guarantees high image quality

Dynamic Visualization

• New Dynamic Range Control
To take full advantage of DRI's dynamic range capabilities, Fujifilm has created a new full spectrum optimization with dynamic-range control processing. This processing fully utilizes all of the exposure data captured and optimizes its image recognition output.

• New Gradation Display Optimization
This new processing is designed to maintain the highest contrast possible for the region of interest achieving even wider latitudes than traditional processing, providing easy-to-interpret and rich gradation.

• New Enhanced Menu Parameters
We developed a brand new set of automated menu parameters specifically designed to improve sharpness, contrast, and latitude for every anatomic menu. These new parameters enable the best possible first up display for every exam.

Quick Preview

Rapid display of images and automatic trimming ensure smooth examinations

Speedy display of images greatly shortening examination time

It just takes one second to display the preview image after an exposure and the inter-exposure time in a minimum of 11 seconds. Quick re-exposure is also possible, with no need to have patients wait. High throughput is realized, reducing the examination time significantly.

X-ray field recognition for an image and image trimming to an appropriate size are performed automatically. With easier editing procedures, images in sizes most suitable for diagnosis are provided.

Dynamic Visualization

Conventional processing

New processing

Maximized operability with wireless mode — suitable for a wide range of exposure situations

The wireless mode frees X-ray procedures from bothersome cabling, resulting in greater operability. When the battery level becomes low during the procedures, the battery can be charged easily by attaching the cable. This cassette caters to various exposure situations.
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The sophisticated design of the GUI contributes to the safe, comfortable and efficient performance of all radiographic examinations.

In addition to the familiar basic operation, new gradation design monitor and the intuitive arrangement of operation buttons make it possible to check and confirm information quickly and accurately. The image display area on the display monitor is larger, and enable easy checking of diagnostic images. An optional touch panel monitor ensures quick and accurate operation.

Technical select buttons
Connected modalities are displayed using color-coded buttons, enabling the radiographer to easily confirm the modality selected. By simply selecting a button, the modality can be changed quickly and accurately.

Status display for D-EVO
Status display for D-EVO are new features. When D-EVO is used it is possible to confirm its status, charge level, Wi-Fi connection etc.

CONSOLE ADVANCE controls both the FDR D-EVO series and FCR, providing a consistent user interface.

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Workflow is streamlined by removing the need for duplication of data entry.

Utilizing a common set of processing algorithms, consistent results are produced from both FCR and FDR D-EVO allowing for easier image management.

FDR D-EVO plus C35i Specifications

<table>
<thead>
<tr>
<th>Model name</th>
<th>Flat Panel Detector (DR-ID 611SE) for FDR D-EVO system (DR-ID 600)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Cassette type detector with ISS (Irradiation Side Sampling system)</td>
</tr>
<tr>
<td>Scintillator</td>
<td>CsI (Cesium iodide)</td>
</tr>
<tr>
<td>Detector external size</td>
<td>460 × 384 × 15 mm (Approx. [18” × 15” × 0.6”])</td>
</tr>
<tr>
<td>Weight</td>
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</tr>
<tr>
<td>Pixel pitch</td>
<td>0.12 mm</td>
</tr>
<tr>
<td>Pixels</td>
<td>2880 × 2304 pixels</td>
</tr>
<tr>
<td>Wireless standard</td>
<td>IEEE 802.11n, 5 GHz</td>
</tr>
<tr>
<td>Image preview</td>
<td>Approx. 110 frames</td>
</tr>
<tr>
<td>Cycle time</td>
<td>Approx. 8 sec (wired mode) / Approx. 110 sec (wireless mode)</td>
</tr>
<tr>
<td>Battery recharging time</td>
<td>Approx. 3 hours</td>
</tr>
<tr>
<td>Battery performance</td>
<td>Standby: Approx. 360 min; set: Approx. 30 min</td>
</tr>
<tr>
<td>Number of exposures</td>
<td>Approx. 500 exposures (12 sec cycle)</td>
</tr>
<tr>
<td></td>
<td>*When connected to the X-ray equipment directly</td>
</tr>
</tbody>
</table>

Standard configuration:

- FDR D-EVO plus C35i
- FDR D-EVO G35i
- FDR D-EVO G43i
- FDR D-EVO plus C35i
- FCR Reader

Optional parts:

- DR601 SE Battery
- DR601 SE Battery charger

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