

## FDR D-EVO G35i/s



Indirect conversion FPD system for general X-ray exposure

Wireless / Wired DR Cassette with enhanced usability

[Overview](#)

[Features](#)

[Specifications](#)

## Features

### Good Design Award

FDR D-EVO G35i was awarded “Good Design Award\* 2011” for its usability and design.

The simple design providing a sense of cleanliness enables it to be used over many years

Both wireless and wired modes are available. With the reliable battery or connector cable and the secure-feeling grip, the cassette is now easier to operate, enabling assured X-ray exposures to be performed

The unique square shaped cassette, with no need to switch the orientation, greatly enhances the workflow efficiency for the technologist

[What is “Good Design Award”?](#)

### Two selectable modes according to the examination environment (\*only with G35i)

Easy and rapid switching between modes is available as required, dependent on examination type. The mode is automatically switched in only 1 sec. by detaching or attaching the cable.

Wireless mode enables free positioning with easy handling. When used as a wireless portable type, table-top exposures are easily performed, allowing exposure situations to be expanded.

#### Wireless mode



With the cable attached, the battery in the cassette can be charged. X-ray procedures run smoothly without any worry about the state of the battery.

#### Wired mode



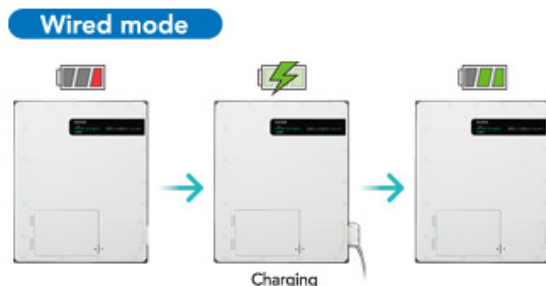
### Battery charging methods suitable for various environments

By charging the extra battery pack with the designated charger, the battery can be quickly replaced whenever needed, allowing the X-ray procedures to be performed without interruption. The

battery lasts about 3.5 hours. The charger is common in the FDR D-EVO series.



With the SE cable attached, the battery used in the cassette can be charged. Even if the battery level becomes low in the wireless mode, X-ray procedures can be carried out without interruption by attaching the cable. The SE cable is common in the FDR D-EVO series.



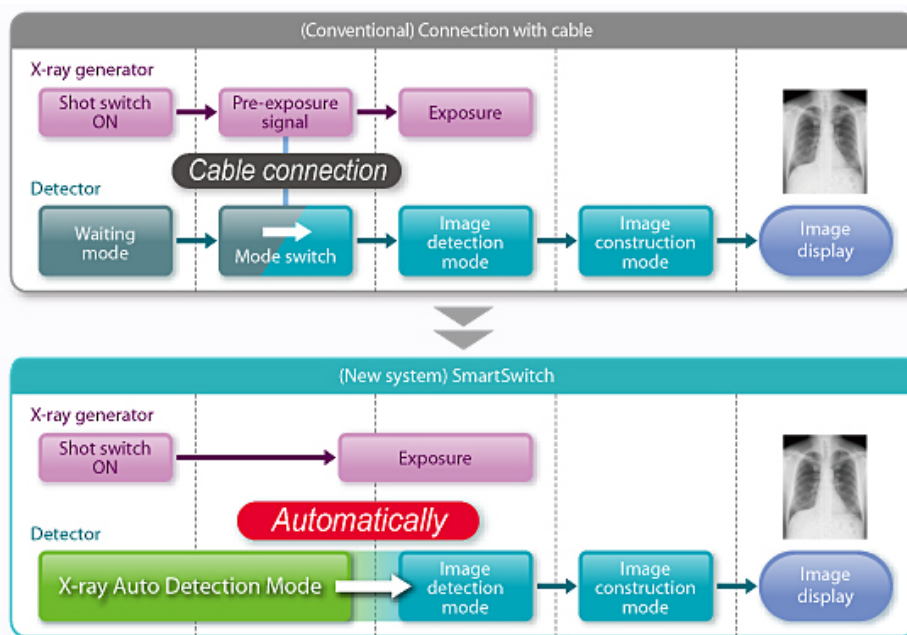
### The world's first "SmartSwitch" technology

Fujifilm developed a new technology "SmartSwitch" which allows automatic X-ray detection. With "SmartSwitch," FDR D-EVO no longer requires connection between the X-ray generator and DR power supply unit to automatically detect X-rays and start image creation.



### Mechanism of "SmartSwitch"

In X-ray Auto Detection Mode, DR cassettes detect X-rays at the time of exposure and automatically enter the image detection mode and then the image construction mode.



### Unparalleled speed — improved workflow

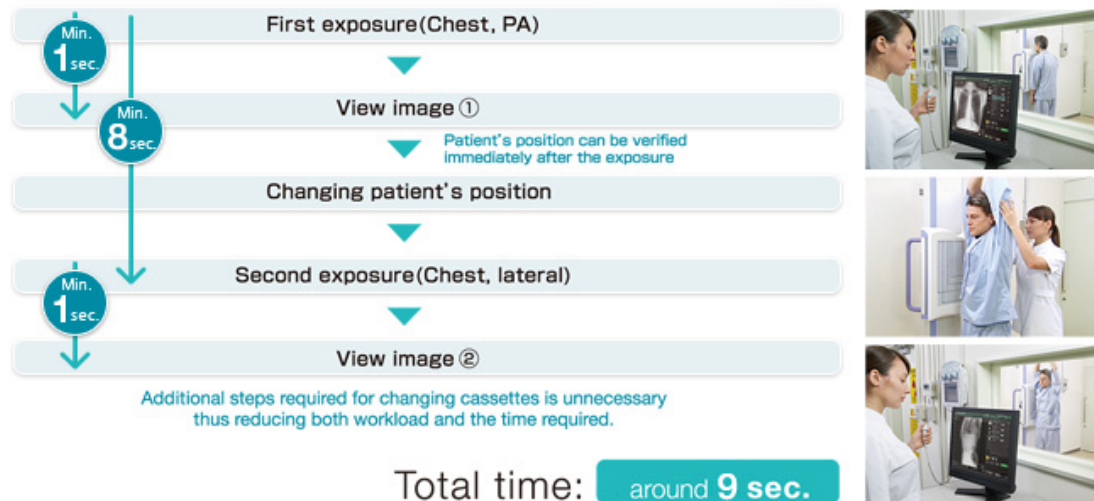
Approx. 1 sec. preview and 11 sec. inter-exposures time for wireless mode and 8 sec. for wired mode.

After exposure the preview image is produced almost instantly thus allowing rapid image confirmation.

## Auto-recognition of the examination area and film sized trimming

The X-ray exposure field is automatically recognized and trimmed to the most suitable image size (file sized trimming is also supported).

Scenario: 2 consecutive exposures performed by one person (wired mode)



## Fujifilm's new FPD featuring our proprietary "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.

[ISS \(Irradiation Side Sampling\) method](#)

## New CONSOLE ADVANCE with enhanced functions for FDR D-EVO

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.



### Technique select buttons

Connected modalities are displayed using colour 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

The icons for the D-EVO are a new feature. When D-EVO is used it is possible to confirm its status: charge level, WiFi connection etc.

## CONSOLE ADVANCE

## Integrating Fujifilm's various FDR / FCR systems with a single CONSOLE ADVANCE

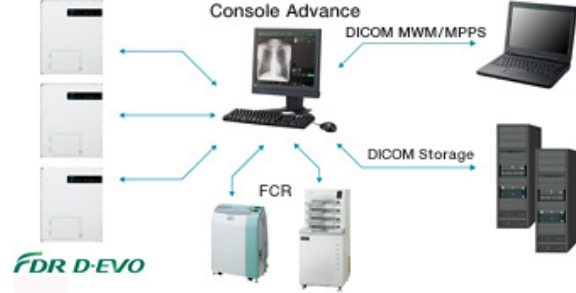
CONSOLE ADVANCE controls both FDR D-EVO and FCR, providing a consistent user interface.

Both FDR D-EVO and FCR reader 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.



**Note**

\* Japan Good Design Award is Japanese only comprehensive design evaluation and commendation system for outstanding design and quality.