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

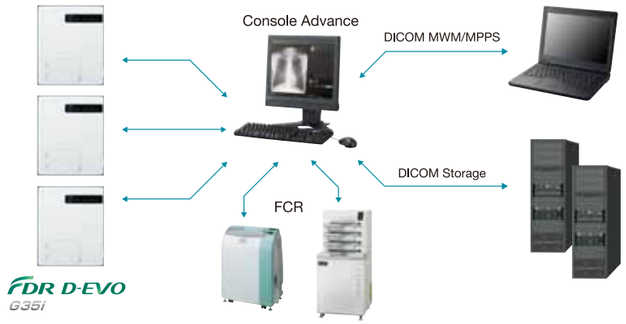
Connected modalities are displayed using colour coded buttons, enabling the Radiographer to easily confirm the modality selected. By simply selecting a button, the modality can be changed quickly and accurately.

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.

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.
- Utilising 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 G35i Specifications

Type	Cassette size detector with ISS (Irradiation Side Sampling system)
Scintillator	GOS (Gadolinium oxysulfide)
Detector external size	384 x 460 x 14.8 mm
Weight	3.3kg (including battery)
Pixel pitch	0.15 mm
Pixels	2880x2304 pixels
Wireless standard	IEEE 802.11n, 5.2GHz
Image preview	approx. 1sec
Cycle time	approx. 9 sec (wired mode) / approx. 11 sec (wireless mode)
Battery recharging time	Approx. 3 hours
Battery performance	Standby: Approx. 3h 30min Number of exposure: Approx. 750 exposures (@ 12 sec cycle)

Standard components

DR-ID 601SE DR-ID 600 MP DR-ID 600MC DR-ID 300CL

Optional parts

DR601 SE BATTERY CHARGER DR601 SE BATTERY

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 their availability, contact our local representative.

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

CE 0123

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http://www.fujifilm.com/products/medical/index.html

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FDR D-EVO G35i

Indirect conversion FPD system for general X-ray exposure

Wireless DR Cassette “Usability” and “Utility” as standard

Main Specification

- Standard sized 35×43 cm DR cassette
- As thin as a regular X-ray cassette (approx.14.8mm)
- High speed wireless LAN interface (IEEE 802.11n, 5.2HGz)
- Light weight 3.3kg (including battery)
- Capable of supporting up to 150kg (across surface)
- 750 exposures or 3.5 hours use per full battery charge

Rapid image acquisition

Approx 1 sec preview and 11 sec inter-exposures time
(wireless 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 (film sized trimming is also supported).

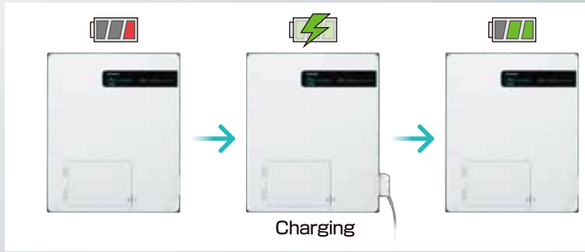
2 ways of charging

By utilizing an extra battery pack there is no need to wait for recharging.

▼ Wireless mode

▲ Wired mode

Wired mode simultaneously charges the battery while connected. When battery charge is low it is simple to switch to wired mode without disrupting your workflow until a suitable moment to change or recharge the battery.



1 sec switching between “Wireless mode” and “Wired mode”

Easy and rapid switching between modes as required dependent on examination type.
Wired mode simultaneously charges the battery while in use thus ensuring maximum available charge to enable the best use of the wireless mode when this is required.

Wireless mode

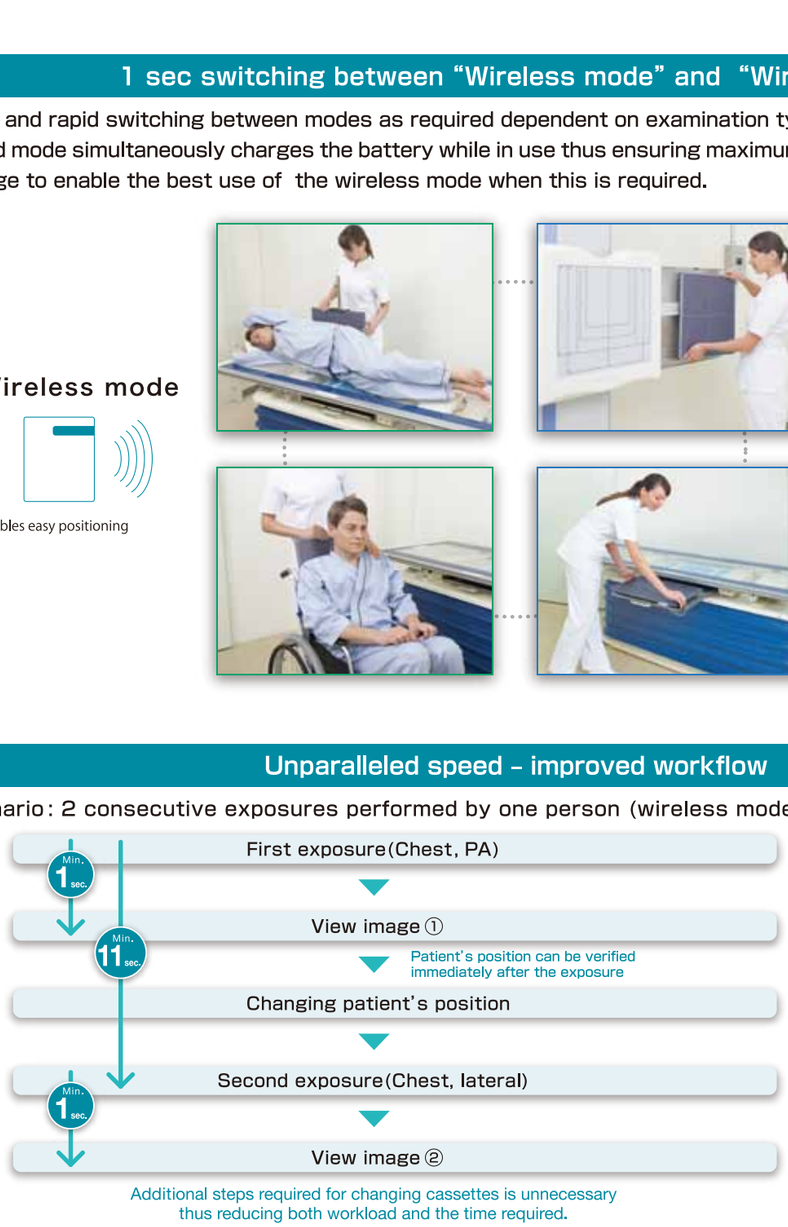
Enables easy positioning

Wired mode

Helps keep battery fully charged

Unparalleled speed – improved workflow

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



Additional steps required for changing cassettes is unnecessary thus reducing both workload and the time required.

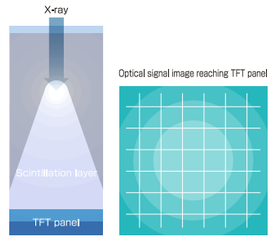
Total time: around **12** sec.

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.

Conventional method

"Penetration side sampling (PSS)"
The conventional TFT panel reads light from the rear of the detector, after the radiation has been attenuated and diffused within its structure,thus sacrificing both MTF and DQE.



FUJIFILM's new method

"Irradiation side sampling (ISS)" method
FUJIFILM's ISS method allows light to be collected before attenuation and diffusion can take place, thus providing improvements in both MTF and DQE when compared to traditional PSS methods.