

A Smart DR Solution for Equine and Mixed Practices



Fujifilm's **FDR ES** is a smart and practical DR solution uniquely suited for equine and mixed practices because it is lightweight, highly portable, fully wireless, and uses any FDR ES flat panel detector. FDR ES has a design that offers the ability to instantly upgrade any analog portable, x-ray room or remote location with exceptional image quality as it does not need any integration or wires to the x-ray unit.

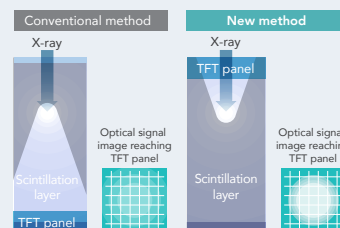
The compact solution consists of a wireless FDR ES flat panel detector, FDX Console workstation laptop, and Fujifilm's AP.

High Quality Images

Fujifilm's sophisticated imaging technologies and advanced processing bring the image quality of FDR ES to the next level. Every bit of our renowned clinical and engineering experience went into optimizing the image quality. The FDR ES detector features 150 micron pixel pitch, a wide 16-bit dynamic range and image preview in as few as 5 seconds.

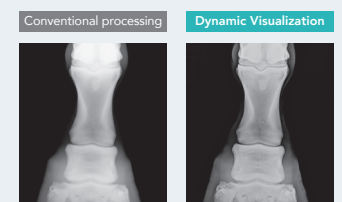
ISS Technology

Fujifilm's patented Irradiated Side Sampling technology focuses its capture electronics at the top of the detector, opposite conventional designs. This revolutionary method outperforms traditional designs, improving signal strength and dose efficiency, resulting in images rich in diagnostic content.



Dynamic Visualization

Every exam benefits from Fujifilm's latest Dynamic Visualization image processing software which enhances image quality, extending visibility and contrast throughout the entire image. First-up images have outstanding detail and high window and leveling capability, producing ultra-sharp images for PACS diagnosis.





FDR ES Specifications

Standard components	FDR ES Flat Panel Detector FDR ES 24x30cm Csl FDR ES 14"x17" GOS Charger and 2 Batteries FDX Console Workstation Fujifilm AP
Reading grayscale level	16 bits/pixel
Pixel pitch	150 μm
Image processing	Dynamic Visualization Processing Spatial Frequency Processing Gradation Processing Dynamic Range Control (DRC) Processing Multi-Objective Frequency Processing (MFP) Flexible Noise Control (FNC) Optional image processing Dynamic Visualization II Virtual Grid
Connection	Fujifilm's AP (Access Point) connection: IEEE 802.11n (2.4GHz and 5GHz bands, WPA2-PSK) Console / Network Connection: IEEE 802.11g (2.4GHz and 5GHz bands) or Wired Ethernet. (Depending on in-site network environment)
Image preview	Approx. 5 sec

Cycle time	Approx. 15 sec <small>*Times vary based on detector model, exposure technique and image type.</small>
External size (W x D x H)	Fujifilm's AP (Approx. 3.75" x 1.5" x 1") Flat panel detector: FDR ES C24 (Approx. 13" x 10.5" x 0.6") FDR ES 14G (Approx. 18" x 15" x 0.6") Laptop PC: (Approx. 13.17" x 11" x 2")
Weight	Fujifilm's AP: 0.1 lbs. Flat panel detector: FDR ES 24C 3.5 lbs. (including battery) FDR ES 14G 6.4 lbs. (including battery) Laptop PC: 6.64 lbs. (Model: Dell Latitude Rugged)
Power supply conditions	Battery Charger: Table top 2-slot for FDR ES battery charging Single phase 50 - 60Hz AC100-240V 100VA or less Laptop PC: Single phase 50-60Hz, AC100-240V Laptop battery: 4.5 - 9 hours per charge

Standard configuration



FDX Console



2-slot battery charger with 2 batteries

Flat Panel Detectors



FDR ES 24x30cm Csl



FDR ES 14"x17" GOS