



Eltor

Digital Imaging System for Radiography

DK⁺ Medical Systems



Digital Imaging System for Radiography

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Eltor is a package kit

Flat Panel Detector(FPD) + Imaging S/W + Workstation



FPD
14x17" / 17x17" / 10x12"



Imaging Software



Workstation

Easy Conversion to Digital Radiography

Upgradable to Digital Radiography by applying to existing wall-stand or table bucky tray from analog x-ray that uses film or CR.





Main Feature **Eltor** DR Retrofit



Fast Image acquisition time: 3 sec

When using Wired type FPD and Elui S/W



Utilization for Mobile X-ray system

It can be simply upgraded current analog mobile X-ray systems to have DR capability.



Light weight design: 2.9kg

for FXRD-1417N model



Dust & Water Resistant





Specifications

FPD Specification	FXRD-1417SA / FXRD-1417SB	FXRD-1417WA / FXRD-1417WB	FXRD-1717SA / FXRD-1717SB	FXRD-1717VA / FXRD-1717VB
Detector Type	Indirect	Indirect	Indirect	Indirect
X-ray Conversion	A : CSI (Cesium Iodide)	A : CSI (Cesium Iodide)	A : CSI (Cesium Iodide)	A : CSI (Cesium Iodide)
	B : Gadox (Gadolinium Oxysulfide)	B : Gadox (Gadolinium Oxysulfide)	B : Gadox (Gadolinium Oxysulfide)	B : Gadox (Gadolinium Oxysulfide)
Wired/Wireless	LAN (Gigabit Ethernet)	Wi-Fi (802.11n) LAN (Gigabit Ethernet)	LAN (Gigabit Ethernet)	LAN (Gigabit Ethernet)
Grayscale Resolution	14 bits	14 bits	14 bits	16 bits
Spatial Resolution	4.0 lp/mm	4.0 lp/mm	4.0 lp/mm	4.0 lp/mm
Pixel Pitch	140 Micron (μm)	140 Micron (μm)	140 Micron (μm)	140 Micron (μm)
Dust & Water Resistant	IPX3	IPX3	IPX0	IPX0
Dimension	384 X 460 X 15mm	384 X 460 X 15mm	470 x 470 x 35mm	460 X 460 X 15mm
Weight (Approx.)	3.2kg	3.3kg	11kg	4.5kg

FPD Specification	FXRD-1012NAW / FXRD-1012NBW	FXRD-1417NAW / FXRD-1417NBW	FXRD-1717NAW / FXRD-1717NBW	FXRD-1717NA / FXRD-1717NB
Detector Type	Indirect	Indirect	Indirect	Indirect
X-ray Conversion	A : CSI (Cesium Iodide)	A : CSI (Cesium Iodide)	A : CSI (Cesium Iodide)	A : CSI (Cesium Iodide)
	B : Gadox (Gadolinium Oxysulfide)	B : Gadox (Gadolinium Oxysulfide)	B : Gadox (Gadolinium Oxysulfide)	B : Gadox (Gadolinium Oxysulfide)
Wired/Wireless	Wi-Fi (802.11n) LAN (Gigabit Ethernet)	Wi-Fi (802.11ac) LAN (Gigabit Ethernet)	Wi-Fi (802.11n) LAN (Gigabit Ethernet)	LAN (Gigabit Ethernet)
Grayscale Resolution	16 bits	16 bits	16 bits	16 bits
Spatial Resolution	4.0 lp/mm	4.0 lp/mm	4.0 lp/mm	4.0 lp/mm
Pixel Pitch	140 Micron (μm)	140 Micron (μm)	140 Micron (μm)	140 Micron (μm)
Dust & Water Resistant	IP56	IP56	IP53	IP53
Dimension	350 X 287 X 15mm	384 X 460 X 15mm	460 X 460 X 15mm	460 X 460 X 15mm
Weight (Approx.)	2.2kg	2.9kg	4.5kg	4.2kg

Workstation (Option)		
Workstation	CPU	i5 8500 3.0GHz
	M/B	GIGABYTE GA-H310M S2P
	Memory	DDR4 4G PC4-21300
	HDD 1	SEagate 1TB 7200RPM
	HDD 2	Samsung 850 SSD 120G
	POWER	FSP ATX500-50HYN
	OS	WIN 10 PRO 64BIT
Monitor 21.5inch	Monitor	21.5inch
	Type	LED
	Brightness	250cd/m2
	Pixel size	0.284 X 0.284
	Viewing angle	178(left/right) 178(upper/bottom)
	Resolution	1920 X 1080
	Contrast	3000:1
	Screen ratio	16:09



*Specifications are subject to change without prior notice.



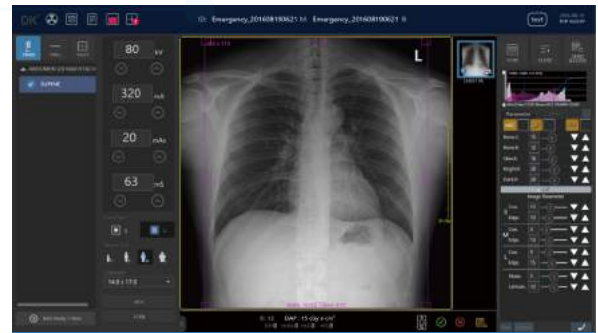
Digital Imaging System for Radiography

Elui brings you

advanced image-processing software optimized the digital radiography. With ELUI image processing software, the user can see and diagnose the patient condition in right time.



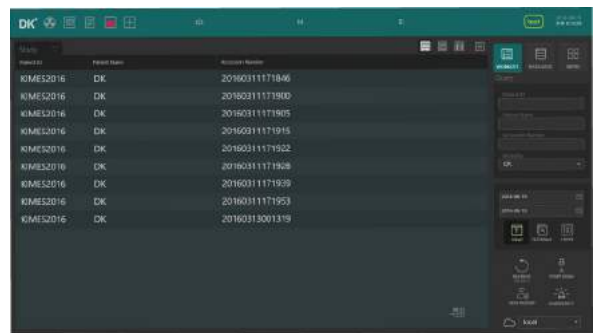
Easy Interface



Advanced Post Processing Image



Easy Tools



Patient Worklist

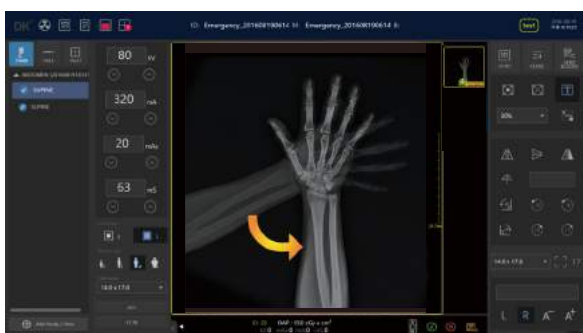
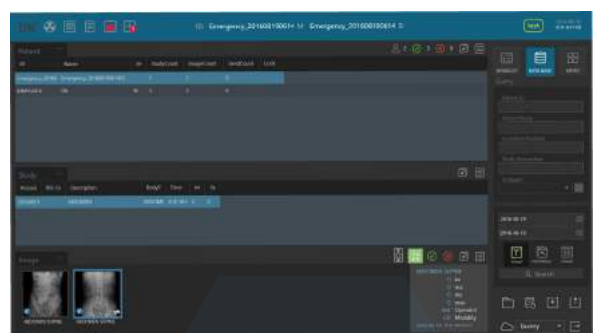


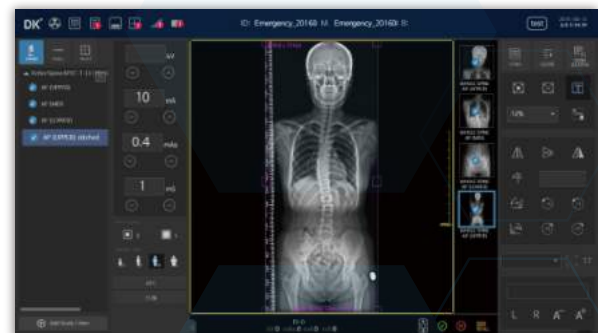
Image Rotation



Easy Stats Report



Convenient Stitching





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※ The appearances and specification are subjected to change for reasons of improvement without notice