

PEDRA-17FG

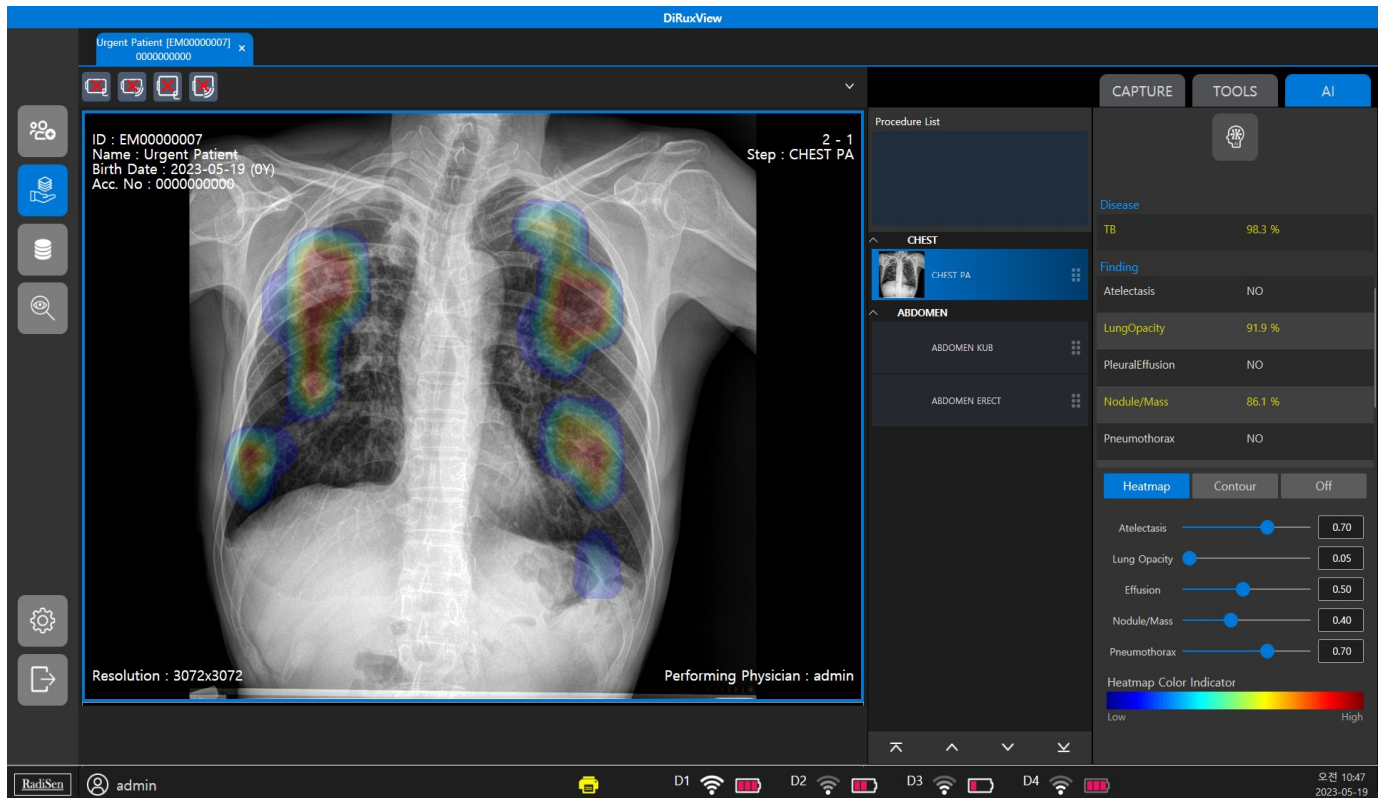
Wired & Wireless, Portable
Flat Panel Detector for Digital
Radiography!



Model & Parameters		PEDRA-17FG
Scintillator		CsI:TI (Direct)
Sensor	Pixel size	140um, a-Si TFT and a-si Photodiode
	Pixel Matrix	3072 x 3072
	Effective Area	426.44 x 426.72
	Effective Array	3046 x 3048
Image performance	Spatial Resolution	3.4 lp/mm
	ADC Resolution	16 bits
	Grayscale	65536 grayscales
	x-ray voltage Range	40 ~ 150 Kvp
	X-ray Generator Interface	Line Trigger(Manual)/ Auto Trigger(AED Mode)
	Cycle Time	<2.5 s / < 3.0~4.0 s in wireless mode
Mechanical	Weight	3.9kg
	Dimensions	Meet ISO4090 for cassette size (460x460x15mm)
	Dust/Water-Resistance	IPX1
	Load	< 150Kg(337lbs), Full / <100Kg(220lbs), Local
Communications	Wired	Giga Ethernet (1000BaseT)
	Wireless	IEEE802.11an / 2.4 or 5Gbps / 2 Antennas / AP Mode
	Sync. Out Port	2 port / TTL(0~5.0V)
	Operation Software (Console S/W)	Windows 10 Support for 32/64bits Windows
	Battery Operating Time	>1,050 images @ 15 sec. cycle 6 h (standby)
	Battery Charging Time	6h (wired/ 3 h (battery charger))

※ Specification s are subject to change without prior notice.

- High Performance Image Acquisition Software, and it produces AI image (DICOM) which visualizes suspect lesions of abnormalities by Heatmap or Contour!



❖ Target Abnormalities

Infectious Disease	Tuberculosis [Accuracy >95%]
Lung Abnormality	Atelectasis, Lung Opacity [Consolidation, Infiltration], Pleural Effusion, Nodule/Mass, Pneumothorax [Accuracy >92%]
Cardiovascular Abnormality	Cardiothoracic Ratio & Cardiomegaly [Accuracy >92%]

- Image Viewer for PEDRA Detector series
- AXIR-CX, AI integrated [CE approved]
- High Speed & Quality Image Processing
- DICOM 3.0 Compatible
- MWL SCU, DICOM storage SCU, MPPS, DICOM Print
- Various Image Processing Tools (WW/WL, Ruler, Allow, TXT, Scop, Pan, Rotate, Zoom, Etc.)