

PEDRA-1417MC

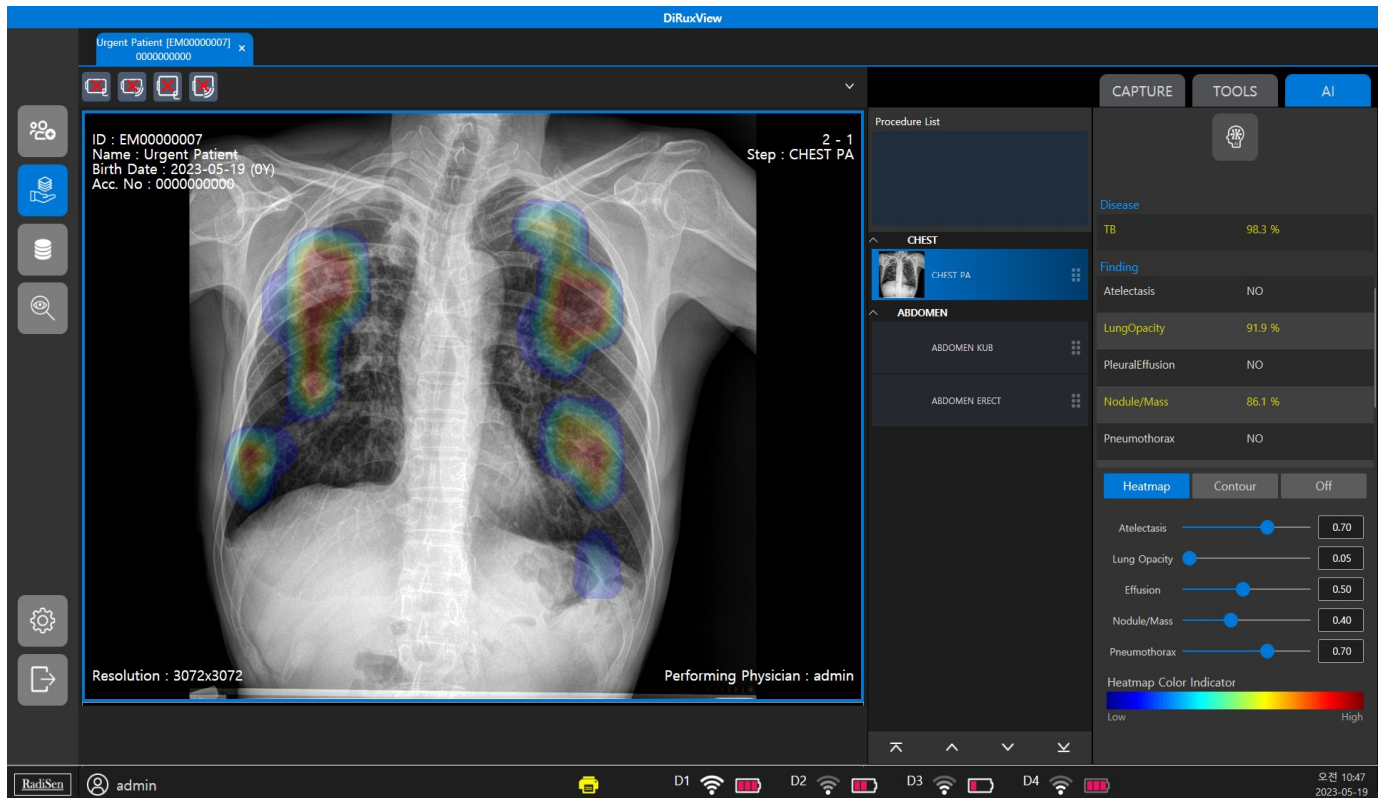


**Wired & Wireless, Portable
Flat Panel Detector for Digital
Radiography!**

Model & Parameters		PEDRA-1417MC	
Scintillator		CsI:TI (Direct)	
Sensor	Pixel size	140um, a-Si TFT active matrix with PIN diode	
	Pixel Matrix	2500 x 3052	
	Effective Area	347.8 x 425.04mm	
	Effective Array	2484 x 3036	
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)	
	Shot Mode	Single	
Mechanical	Weight	CsI / 3.5 Kg	
	Dimensions	Meet ISO4090 for cassette size (384x460x15mm)	
	Dust/Water-resistance	IPX1	
Communications	Wired	Giga Ethernet (1000BaseT)	
	Wireless	IEEE802.11n/2.4 or 5Gbps	
	Sync. Out Port	2 port / TTL(0~5.0V)	
	Operation Software (Console S/W)	Windows 10 Support for 32/64bits Windows	
	Wired	DC +15V	
	Wireless	Max. 1 Pack (430 images @ 30 sec. cycle / 6.0h+ (Standby))	
Power / Environment	Environment	T(10~+40)/H(20 ~ 75%)/P(70~106KPa)	

※ 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.)