

RadiSen

AI-Powered Digital Radiology

We innovate global healthcare with AI and Digital Radiology, making a real-world impact.



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About RadiSen

Innovating Global Healthcare with AI-Powered Digital Radiology

RadiSen, a leading innovator in digital radiology, is redefining medical imaging with breakthrough technologies like the portable X-ray "SmartPDX," AI screening software "AXIR-CX," imaging processing software "DiRuxView," and cloud PACS "MeDCLink." Our solutions enhance diagnostic accuracy and efficiency, making high-quality healthcare more affordable and accessible to professionals and patients worldwide.

With a presence in over 70 countries, RadiSen is committed to delivering precise, instant AI results, supporting radiologists in offering exceptional care and setting new benchmarks in global healthcare.

Core Values

Innovation

Pioneering advanced AI-driven radiology solutions to transform global healthcare.



Agility

Rapidly adapting to meet the evolving needs of the healthcare industry.



Customer Success

Empowering healthcare professionals with accessible tools for exceptional patient care.



Use Cases



Public Healthcare
/ Government



Mobile
Healthcare



Emergency
/ Urgent Care



Occupational
Health / Safety

Success Stories

Mass TB Screening in the Philippines

RadiSen has partnered with the Tropical Disease Foundation (TDF) and other prestigious health organizations for an Active Case Finding (ACF) project, screening over 20,000 patients for tuberculosis (TB) in Quezon and Caloocan, Metro Manila.

Utilizing AI-powered chest X-ray technology in mobile vans, rapid and accurate assessments were made between August and October 2023. The AI-enhanced system enabled immediate sputum testing for TB-positive cases, showcasing the effectiveness of AI-driven diagnostics and local government collaboration in improving primary healthcare in under-served urban areas.



Project

Mass AI Screening for
Active Tuberculosis



Location

Quezon and Caloocan
Cities, Metro Manila



RadiSen Offering

AI Screening Software and X-ray
Systems in 6 Mobile Trucks



Partners

USAID, TDF, FHI 360



Duration

Q4 2023 (completed
within 3 months)



Total Participants Screened

Over 20,000 patients

AXIR-CX™

CE Class II AI-Assisted X-ray Screening Software



* The Mini PC provides an AI algorithm, which is not intended for use as a medical device.

Advanced Edge AI Solution

Utilizes a compact AI computer with a proprietary deep learning algorithm for automated chest X-ray screening in offline environments.

Validated through Rigorous Clinical Trials

Delivers robust AI performance with an accuracy rate of approximately 95% or higher in various clinical settings.

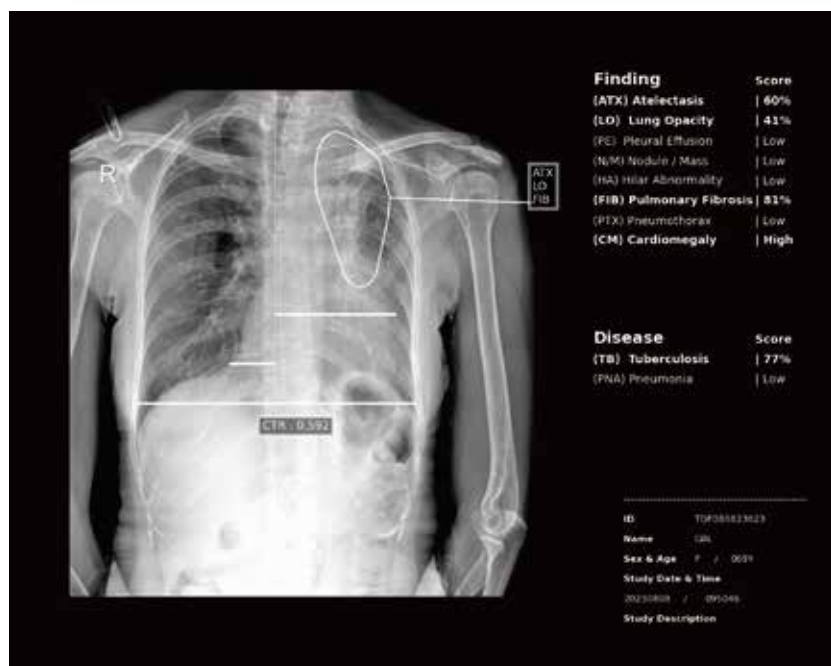
Efficient Mass Screening

Ideal for large-scale screenings, providing fast and accurate point-of-care detection of chest X-ray abnormalities.

Seamless Integration

Easily integrates with any X-ray machines and PACS systems for hassle-free implementation.

AXIR-CX™ AI Report



AI Viewer for Heatmap Results



AI Viewer with Contouring Results



MeDCLink™

AI-Powered Cloud-Based PACS

Web-Based Solution

Available 24/7 for global and remote access.

Quick Image Interpretation

Enables fast readings of DICOM files by remote radiologists.

Embedded AI for Rapid Analysis

Provides fast AI-driven triage and detection of chest abnormalities.

Study List for AI Report



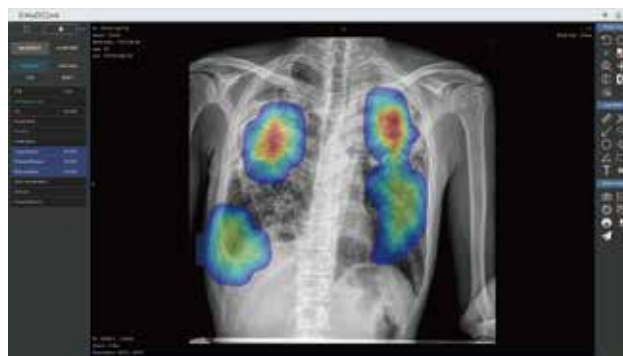
Study List for AI Finding



Study Review on AI Inference for Contouring



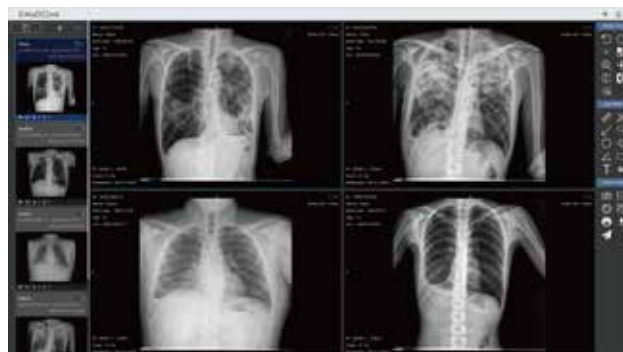
Study Review on AI Inference for Heatmap



Study Review on AI Inference for GPT



Study Review on Grid Layouts



DiRuxView™

High-Performance Image Acquisition Software

Fast and Intuitive Workflow

Streamlines the X-ray image acquisition process with a user-friendly interface.

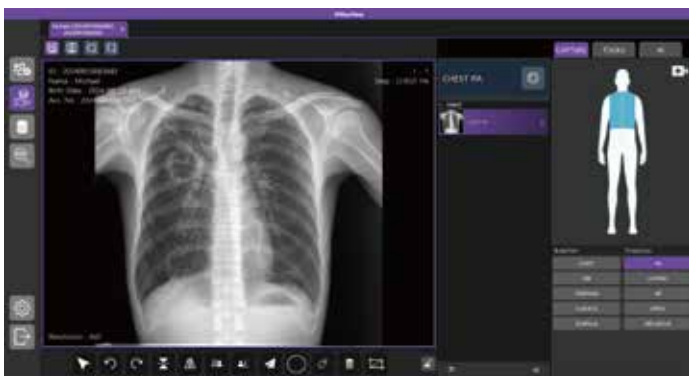
High-Speed & High-Quality Image Processing

Ensures rapid and accurate processing of X-ray images for optimal diagnostic results.

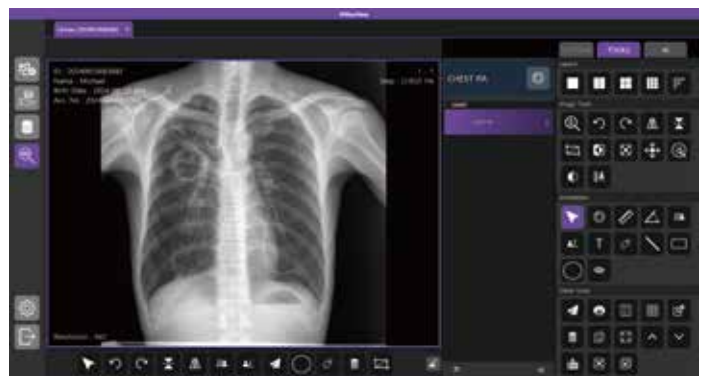
Seamless Integration

Easily integrates with PACS, RIS, and AI screening software, enhancing diagnostic speed and accuracy.

Acquisition Captured



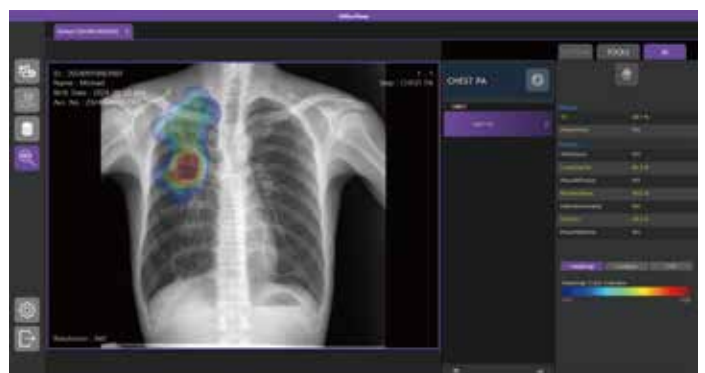
Review with Tools



Review with AI Contour



Review with AI Heatmap



SmartPDX™

Portable Digital X-ray System with AI



Mobile Stand



Generator Case



Laptop Featuring DiRuxView



1417 Wireless Detector



Detector Case

Effortless Mobility

Lightweight, all-in-one design for easy transport.

Rapid Screening

Fast, accurate point-of-care screening for chest X-ray abnormalities.

Advanced Software Integration

Paired with robust image processing and AI-assisted screening software.

Specification: Wallet Power Input: 100~220V / 50~60Hz After Set Size (mm): 560*1025*900/1600

X-ray Generator Specification	EPX-F1600	EPX-F2400	EPX-F2800	EPX-F3200	EPX-F4000	EPX-F5000
Max Output Power	1.6 kW	2.4 kW	2.8 kW	3.2 kW	4 kW	5 kW
Generator Frequency	100 kHz	70 kHz	70 kHz	70 kHz	70 kHz	70 kHz
kV Range	40~90kV	40~100kV	40~120kV	40~100kV	40~110kV	50~110kV
mA Range	12~30mA	16~40mA	12~40mA	25~60mA	20~80mA	20~100mA
mAs Range	mAs Range 0.4~100mAs					
Focal Spot	1.2mm*1.2mm	1.2mm*1.2mm	1.2mm*1.2mm	2.0mm*2.0mm	1.8mm*1.8mm	1.8mm*1.8mm
Target Angle	19°	16°	16°	16°	15°	15°
Anode Heat Storage	10kHU	50kHU	50kHU	40kHU	42kHU	42kHU
Input Voltage	110V/220V	110V/220V	110V/220V	200V~240V	200V~240V	200V~240V
Phase/Frequency	Single / 50~60Hz					
Dimensions (mm)	335*153*170		360*200*190			
Packing Size (mm)	520*400*330					
Net Weight	6.8kg	11kg	12kg	12kg	12kg	12kg
G-weight	20kg		22kg			

* Please note that specifications may change without prior notice.

PEDRA-17F®

Wide and Slim Flat Panel Detector for Digital Radiography

* Please note that specifications may change without prior notice.



Model & Parameters		PEDRA-17FG	PEDRA-17FC
Scintillator		Gd ₂ O ₂ S:Tb	CsI:Tl
Sensor	Pixel size	140um	
	Pixel Matrix	3072 x 3072	
	Effective Area	427.8 x 427.8 mm	
	Effective Array	3056 x 3056	
Image performance	Spatial Resolution	3.4 lp/mm	
	Spatial Resolution	16 bits	
	Spatial Resolution	40 ~ 150 Kvp	
	X-ray Generator Interface	Auto Trigger (AED Mode)	
Communications	Wired	Gd ₂ O ₂ S:Tb / 3.40 Kg	CsI :TI / 3.50 kg
	Dimensions	Meet ISO4090 cassette size (460x460x15mm)	
Image performance	Wired	Giga Ethernet (1000BaseT)	
	Sync. Out Port	2 port / TTL(0~5.0V)	
	Operation Software (Console S/W)	Window 10 Support for 32/64bits Windows	
Power / Environment	Wired	DC +15V	
	Environment	T(10~+40)/H(20 ~ 75%)/P(70~106KPa)	

PEDRA-1417M®

Portable Flat Panel Detector for Digital Radiography

* Please note that specifications may change without prior notice.



Model & Parameters		PEDRA-1417MG	PEDRA-1417MC
Scintillator		Gd ₂ O ₂ S:Tb	CsI:Tl
Sensor	Pixel size	140um	
	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	
	Spatial Resolution	16 bits	
	Spatial Resolution	40 ~ 150 Kvp	
	X-ray Generator Interface	Auto Trigger (AED Mode)	
Communications	Wired	Gd ₂ O ₂ S:Tb / 3.40 Kg	CsI :TI / 3.50 kg
	Dimensions	Meet ISO4090 for cassette size (384x460x15mm)	
Image performance	Wired	Giga Ethernet (1000BaseT)	
	Sync. Out Port	IEEE802.11n/2.4 or 5Gbps	
	Operation Software (Console S/W)	Window 10 Support for 32/64bits Windows	
Power / Environment	Wired / Wireless	Wired: DC +15V Wireless: Max. 1 Pack (Battery/12.6V/ 6 hours)	
	Environment	T(10~+40)/H(20 ~ 75%)/P(70~106KPa)	