



PX1 Pro

Designed for Portable
Healthcare Applications

X-RAY MOBILITY REDIFINED

Portable X-Ray

Total Solution for Home Healthcare

Introducing the Portable X-Ray Solution, a complete package designed to bring advanced diagnostic capabilities directly to the point of care, especially in home healthcare settings.

This innovative system combines a compact, high-performance X-ray machine with our intelligent PX1 Pro software, delivering exceptional image quality and intuitive operation. Experience unparalleled mobility and efficiency, empowering healthcare professionals to provide timely, accurate diagnoses and elevate patient care wherever it's needed most.

TOTAL PACKAGE

Hardware Components



Portable X-Ray Machine



Bedside Stand for Home Use
(Illustrative Image)



Flat Panel Detector (FPD)



PX1 Pro



AP

Accessories and Radiation Protection Equipment



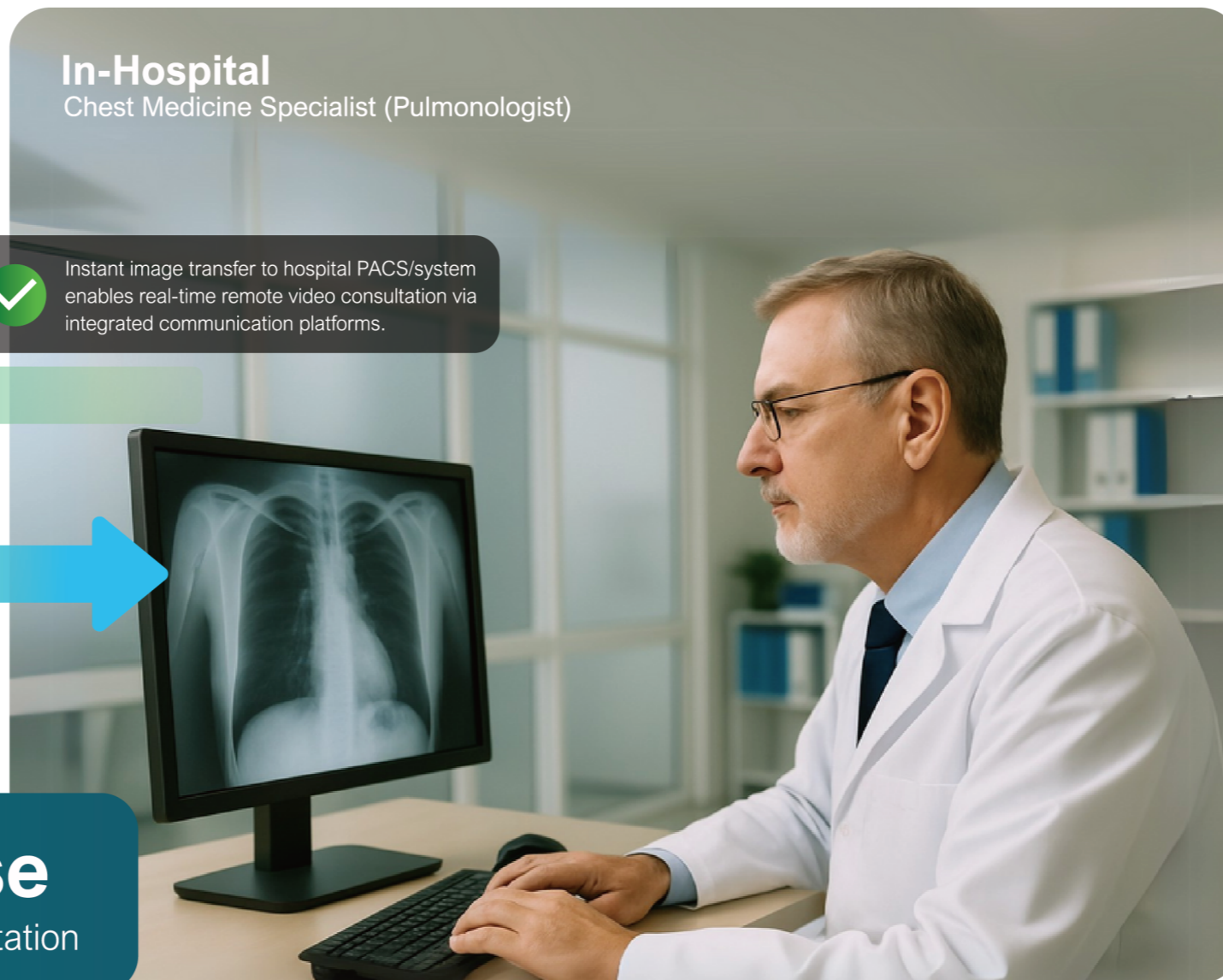
Lead Apron



Charger and Extension Cord



Home-based Healthcare
Family Medicine Physician / Radiologic Technologist



In-Hospital
Chest Medicine Specialist (Pulmonologist)

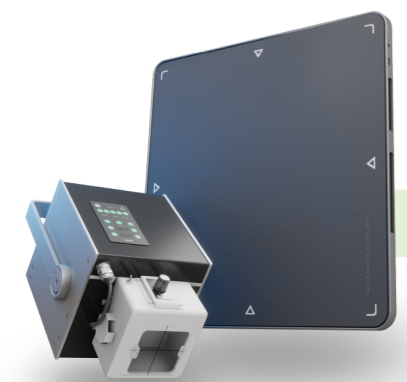
Instant image transfer to hospital PACS/system enables real-time remote video consultation via integrated communication platforms.

AI instantly verifies whether the image meets specialty-specific requirements.

PX1 Pro Use Case
Home Healthcare and Remote Consultation

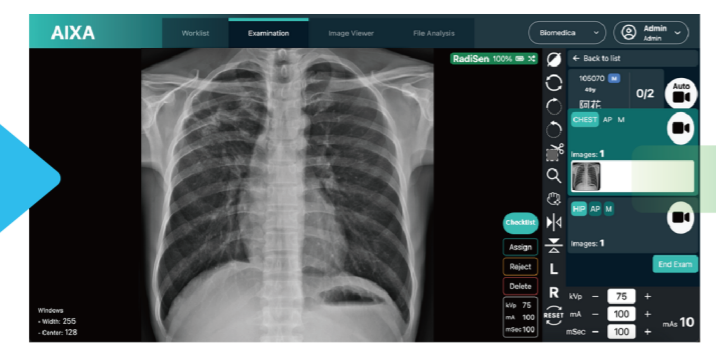
STEP 01
Equipment Setup
in Patient's House

including X-ray machine, detector panel, stand, and lead apron



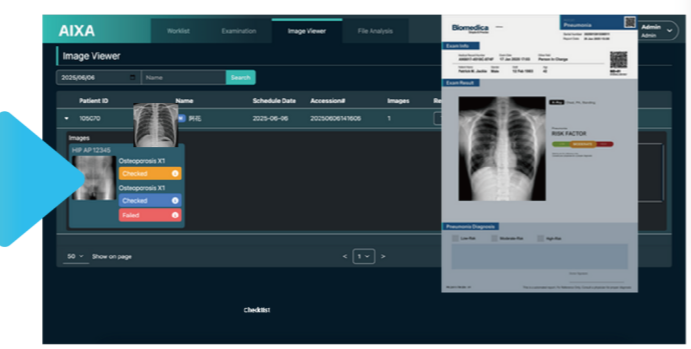
STEP 02
Patient Data Entry
and Order Code

Real-time AI-driven ACC ensures proper positioning, posture, and breath-hold compliance—helping achieve optimal image quality from the start.

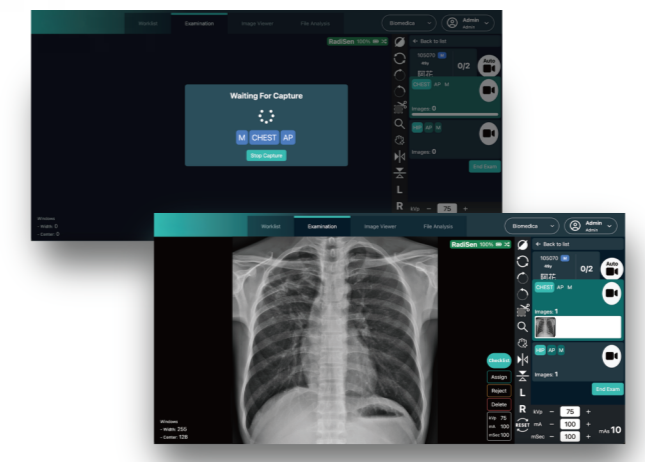
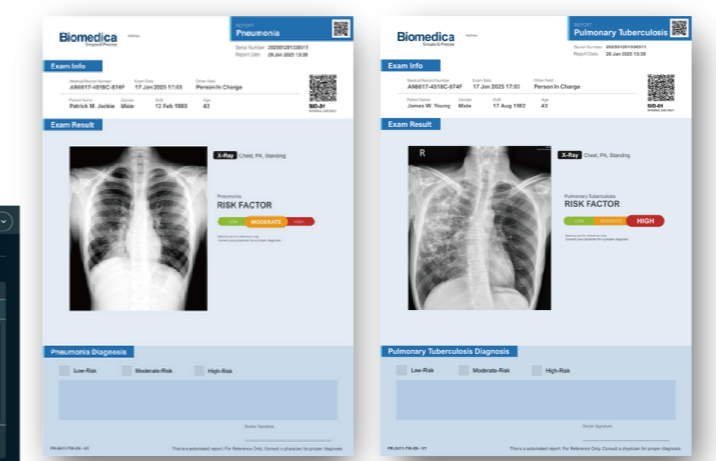


STEP 03
Real-Time 5G
Transmission

Encrypted DICOM are sent to In-Hospital Pulmonologists via high speed 5G Network



AI Risk Assessment Report:
Pneumonia and Tuberculosis



**Quality Assurance
Made Simple**

ACC (AI Adaptive Condition Control)

Features **ACC (AI Adaptive Condition Control)**: an active image quality inspection system.

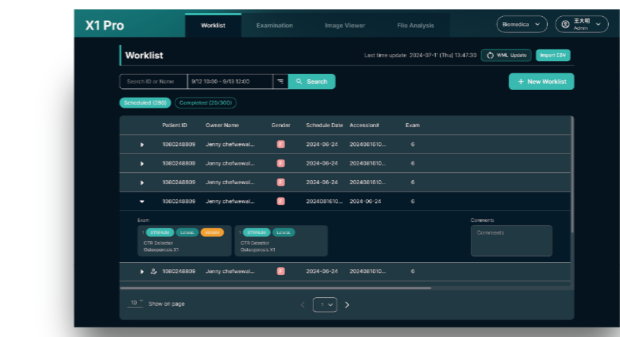
Reduces the risk of shooting errors and ensures effortless, reliable cross-departmental support.



Effortless Capture

One-Touch Shooting

Once the X-ray module is activated for exposure, simply focus on image positioning and quality, eliminating the need for extra operation of physical buttons on the X-ray detector (DR panel).



Seamless Integration

Automatic Workflow. Instant PACS Sync.

WML / PACS Connectivity: Retrieve patient basic data (ID, Gender, etc.) via WML/PACS worklists or quickly import via barcode scan, minimizing manual entry errors and boosting operational efficiency.

DICOM Transfer: Completed DICOM images can be transmitted back to the hospital's PACS system, ensuring smooth workflow and data consistency.

Pass DICOM SWF & FHIR MHD Test

Veterinary Care

Advanced Imaging for Animal Patients

Leverage mobile X-ray portability to bring high-quality diagnostics directly to the point of care: in-clinic, on farms, or at the animal's home. **Supports all animal sizes and species for faster on-site treatment decisions.**



Simple & Precise



Biomedica
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