

IPETMED AI-DR

iPet-400Pro

Standard / Exotic Edition

Pro-Grade Intelligent Pet DR Imaging System

Built for veterinary hospitals that demand high-quality X-ray examinations. Centered on a mature hardware platform and an intelligent imaging workstation, it covers acquisition, processing, measurement, reporting and case archiving — serving both general practice and exotic specialty needs, for efficient diagnosis and well-organized management.



Lift & Rotate Gantry

Flexible lifting, bi-directional rotation



Canon 7240 X-ray Tube

Stable, durable, efficient heat dissipation



iLume 4343 Flat Panel

43×43 cm, high resolution



Intelligent Imaging Workstation

Acquisition · Processing · Analysis · Archiving



AI-Assisted Report Drafts

Intelligent recognition, diagnostic support



Reliable

Premium core components
Stable, durable operation



Efficient Workflow

Integrated imaging process
Faster diagnosis



Sharp Imaging

High-resolution images
Fine detail visible



Case Management

Case archiving & management
Secure, traceable data



Professional Service

Comprehensive after-sales
support
With you all the way



To see a 30-gram body, you need **100-micron** eyes.

Exotic Edition

Exotic Specialty Solution

IPETMED AI-DR Exotic Specialty Solution — iPet-400Pro

Imaging a 35-gram budgie is nothing like imaging a 35-kilogram golden retriever. Exotic pets are small, with fine, delicate bones that ordinary imaging struggles to render clearly. The iPet-400Pro Exotic Edition carries the iLume 4343Pro high-resolution detector with 100 μ m pixels (vs. the standard 139 μ m), turning fine skeletal detail from merely visible into truly clear. Its 90° rotatable gantry lets birds, rabbits, reptiles and small rodents be imaged in standing or natural positions, reducing restraint stress. An exotic positioning accessory kit and a species exposure parameter library come in the box, plus a remote consultation channel.



iLume 4343Pro Detector

100 μ m pixel size
Higher resolution, sharper images
Every fine skeletal detail visible



Standing & Natural- Position Views

90° rotatable gantry
Standing or natural positions
Less restraint stress



Species Exposure Library + Positioning Kit

Built-in multi-species exposure library
Positioning accessory kit included
Ready to use out of the box

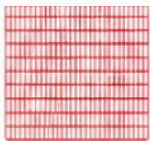


Remote Consultation Channel

Cloud-connected imaging
Remote consultation & case
collaboration
Supporting exotic specialty care

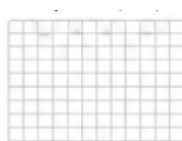
100 μ m VS 139 μ m

100 μ m pixels



VS

139 μ m pixels (standard)



Smaller pixels, higher resolution, clearer detail

30 g $\leftrightarrow$ 35 kg

30g



35kg



Body sizes differ by 1000+ times — so do imaging needs



iLume 4343Pro high-resolution
detector (100 μ m)



Canon T240
X-ray tube



Lift & rotate gantry
Flexible views



Exotic accessory kit
Professional
positioning



Pro software suite
+ exotic specialty pack



iPet-400Pro Exotic Edition



iLume 4343Pro Detector



Exotic Accessory Kit



Pro Software + Exotic Pack

Pro-Grade Software & Service Value

Hardware ages. The platform doesn't.

A powerful Pro-grade platform and a continuously upgraded service ecosystem keep every veterinary hospital ready for the future.



Hospital System, First Year Free

First-year hospital imaging management system included — register and go.



AI Lesion Overlay

AI identifies and annotates suspected lesion areas to support precise diagnosis.



Remote Consultation Channel

Built-in remote consultation for efficient expert collaboration.



Pet-Owner Viewing Mini-App

Owners view images on their phones, building trust between clinic and client.



iLume 4343 48-Hour Replacement

48-hour detector replacement service for stable, uninterrupted operation.



Upgradeable Pro Platform

Continuously upgraded features and services — smarter equipment, lasting value.



For Premium General & Exotic Specialty Hospitals

Professional configuration meeting high imaging standards for both.

IPETMED focuses on the research and innovation of intelligent imaging solutions — clearer images, more efficient work, and long-term value from your investment.

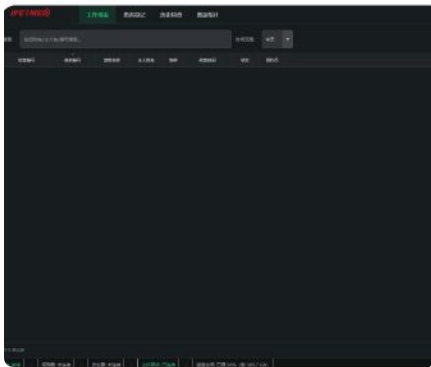
• **IPETMED Imaging — every exposure, clearer and more efficient.** •

Intelligent Imaging Workstation

From acquisition to reporting — efficiency at every step

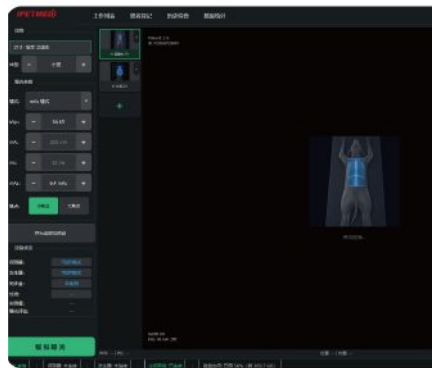
An integrated imaging solution covering the entire workflow: simpler operation, faster diagnosis, smarter image management and more efficient veterinary care.

1 Worklist



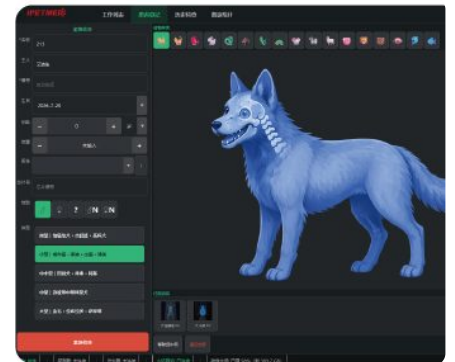
Pending, in-progress and completed exams at a glance, with multi-criteria filtering, batch operations and quick navigation for an efficient workflow.

2 Image Viewing / Acquisition



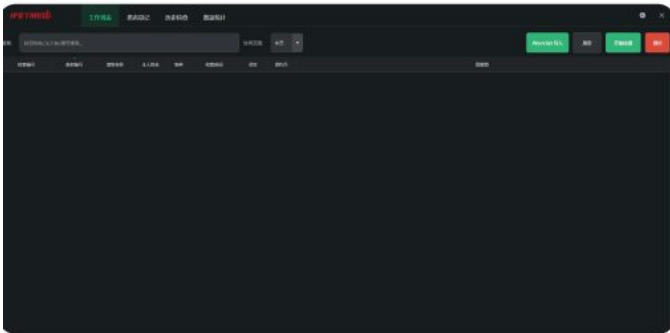
Rich acquisition parameters and professional imaging tools, with multi-view acquisition and real-time preview — clear, stable images for precise diagnosis.

3 Patient Registration



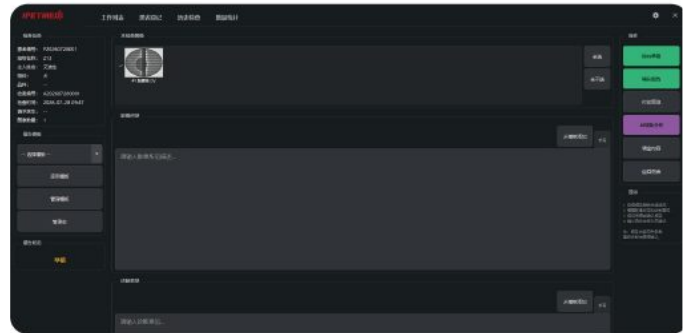
Register pets and owners quickly, with multiple species, positions and templates — standardized data, faster registration.

4 Exam History



Complete records of past exams with image viewing, comparison and export — easy traceability, follow-up and data management.

5 AI Report Drafts



AI analyzes images and generates report drafts; the veterinarian reviews, edits and signs off.



Full-Workflow Coverage

Seamless from acquisition to report



Fast & Easy

Simplified operation, higher efficiency



Standardized & Secure

Standardized, reliable data



Cloud Storage

Access images anywhere, anytime



AI Assistance

Intelligent analysis, precise and efficient

pengineAI Software Workflow

Desktop application · image acquisition, management & AI assistance



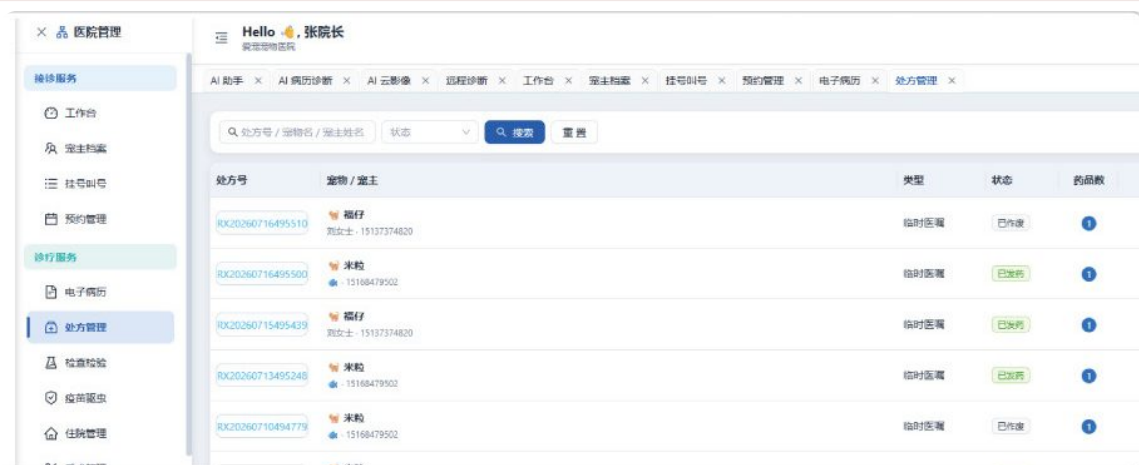
Modular Hospital-Wide Management

Multi-module coordination

Centralized data storage

Standardized workflows

Roles & permissions



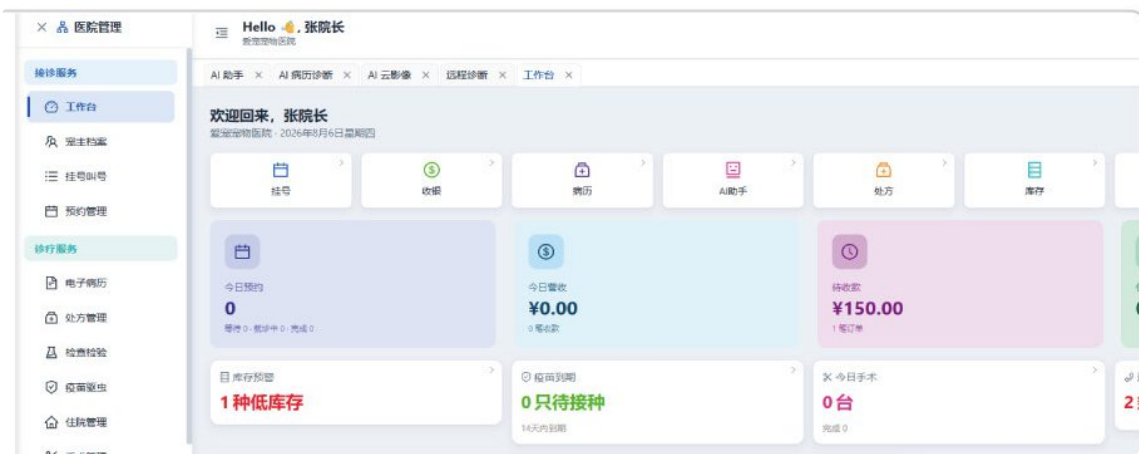
One-Stop Business & Data Overview

Quick access to key operations

Real-time business data

Clear to-do lists

Recent revenue trends & orders



Intelligent Tasks & Clinical Assistance

Automatic task generation &

tracking

Smart analysis of records &

images

Care suggestions, knowledge

Q&A

Better efficiency for vets



Report Drafts & Veterinarian Review

Multi-dimensional history taking

AI analysis & diagnostic

suggestions

Medication safety & Rx reference

Safe clinical decisions



Full Specifications

DR Product Configuration

Model: iPet-400Pro Static Rotatable Intelligent DR

01 High-Frequency Generator ⚡

- Nominal power 32 kW
- Tube voltage range 40–125 kVp
- mAs range 0.1–125 mAs
- Tube current 10–400 mA (radiography)
- Exposure time range 0.001–6.3 s
- Input power supply 220 VAC / 10 A

02 X-ray Tube 🔌

- Focal spots (rotating anode) 0.6 mm small / 1.2 mm large
- Anode heat capacity 140 kHU
- Anode rating 150 kV

03 Flat Panel Detector 📷

- Scintillator Amorphous silicon
- Effective image area 43×43 cm (17×17 in)
- Pixel matrix 3072×3072
- Pixel pitch 139 μm (upgradeable to 100 μm)
- A/D conversion 16 bit
- Data interface GigE
- Adapter input AC 100–240 V, 50–60 Hz
- Spatial resolution 3.6 lp/mm
- Dimensions 46.0×46.0×1.5 cm

04 Acquisition Workstation 🖥️

- Control unit Industrial-grade PC
- CPU Intel Core i7
- RAM 8 GB
- Storage 128 GB SSD + 1 TB HDD (2 TB optional)
- Displays Dual 21.5" capacitive touch + 23.8" HD display
- Software Veterinary X-ray acquisition & processing software

05 Veterinary Table / Accessories 🏠

- Tabletop size 1400×600 mm
- Tabletop material Aluminum-plastic honeycomb panel
- Floating tabletop travel 75±10 mm, 200±10 mm
- Load capacity 200 kg
- Lift range ≥100 cm
- Rotation 180°

