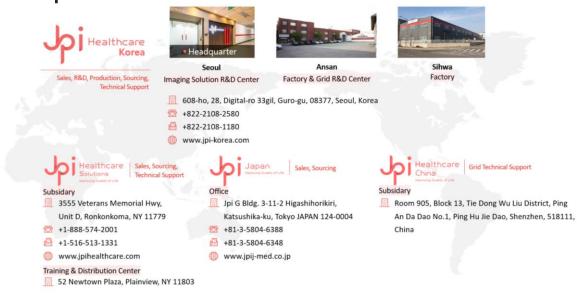




Since our establishment in 1980, JPI Healthcare's mission is to become a total imaging solution provider. JPI healthcare has been contributing to the improvement of the quality of healthcare market by developing innovative technologies. We are also working closely with more than 500 customers include TOP10 brands over the world. We cooperate with them to develop the most unique and innovative x-ray systems to lead the market

- No.1 market share in X-ray grid
- Next generation smart X-ray systems(Digital Tomosynthesis, Mobile Hybrid CT)

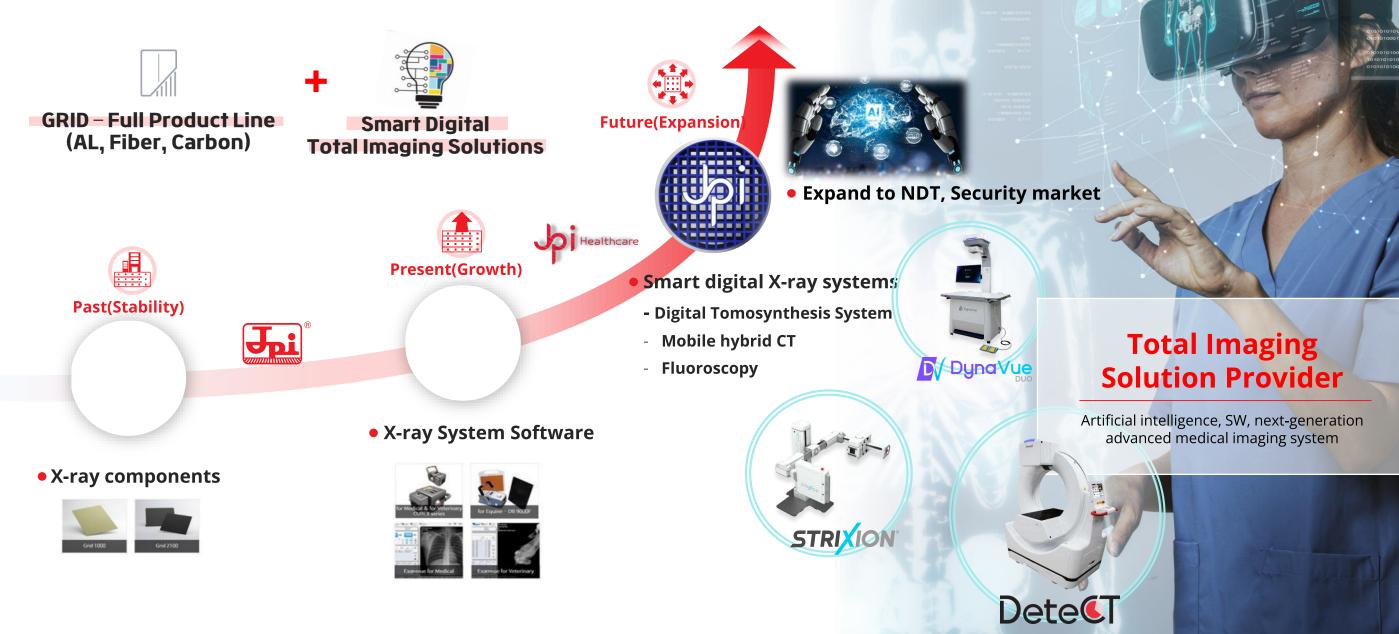
Operating overseas subsidiaries in the US (New York), Japan (Tokyo), and China (Shenzhen) as well as our Korean headquarters





Overseas network with more than 500 clients in 77 countries

Past – Present – Future of JPI Healthcare Co., Ltd. /







• Compact Size, Large Bore

Mobility

• Hybrid (3-in-1)

Usability

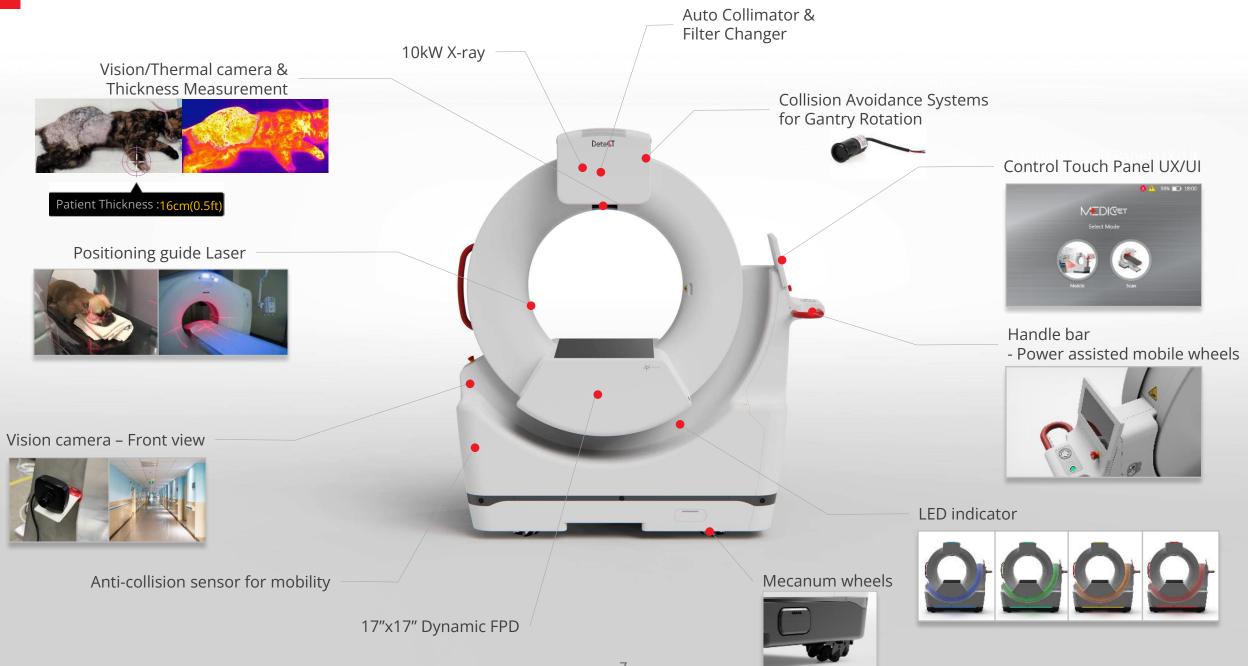
Looking Toward the Future of CT Technology



DeteCT brings powerful and innovative features

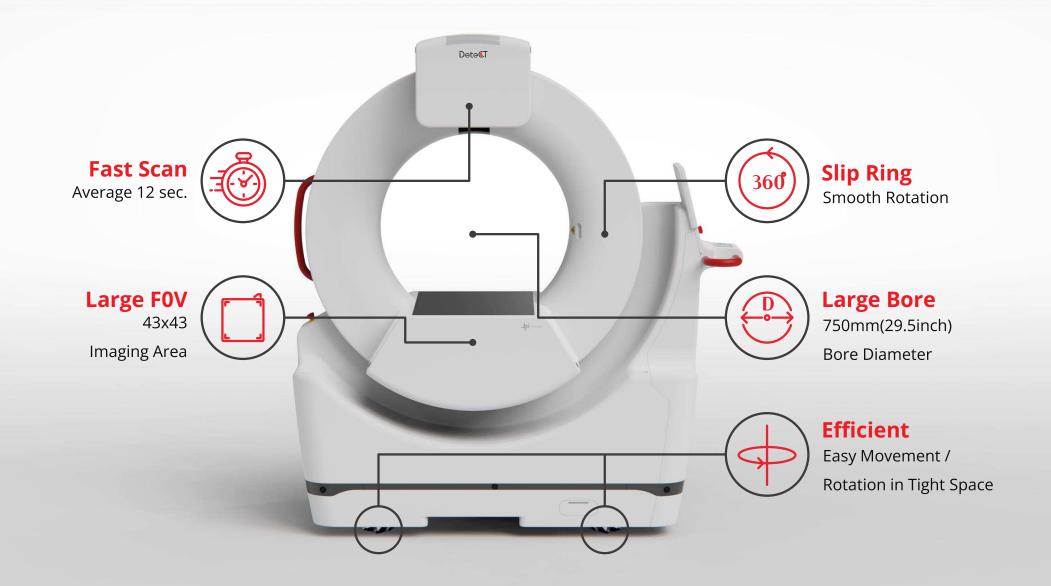
















LED Status Indicators



Normal : OBlue

Prepare : **O**Green

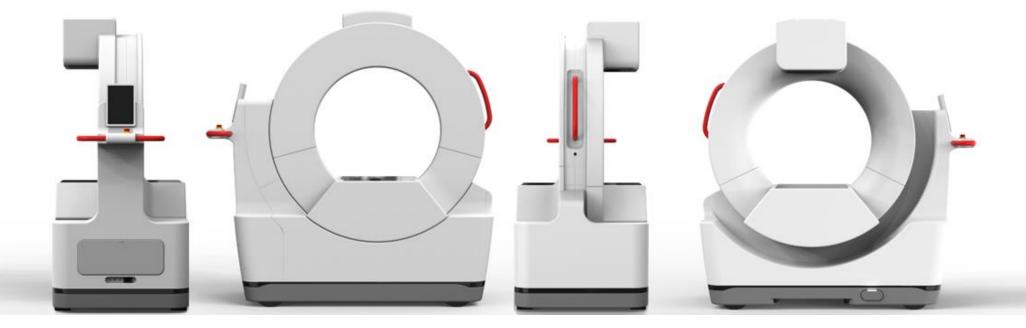
Error : **O** Red

Exposure : O Yellow





Low Dose Imaging Solution | IGZO Sensor | Fast Acquisition & Reconstruction, 3D Viewer



140 micron Pixel Pitch

- Full-diagnostic x-ray
- Fluoroscopy

430x430mm (17"x17") Sensor Size

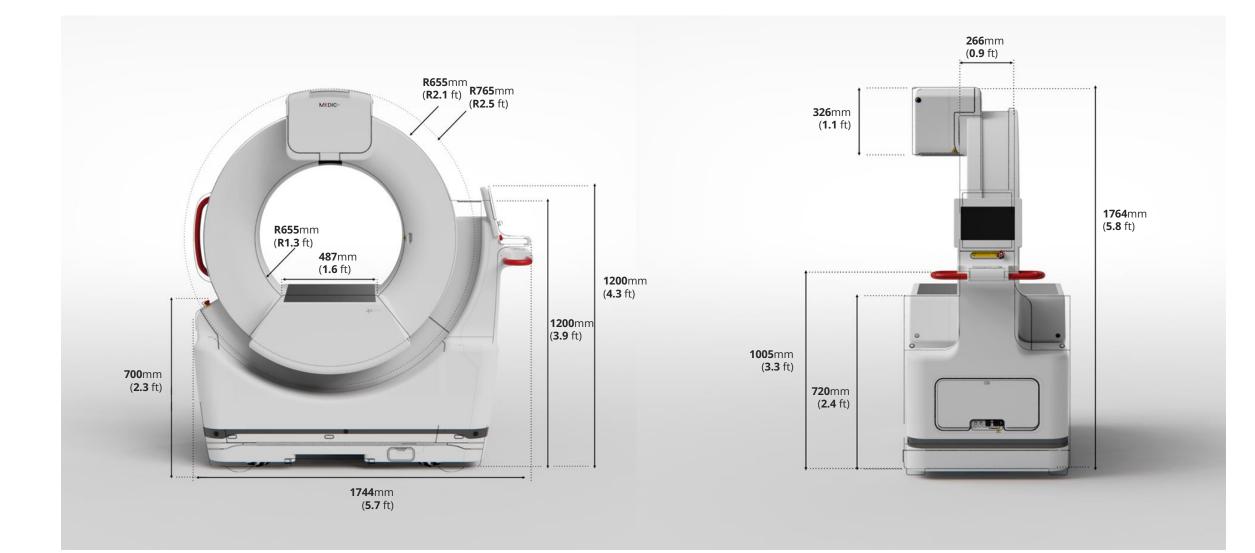
- Computed tomography (CT)
- High-definition images

16Bit Large Area Dynamic Sensor

- Ultra low-dose
- High efficiency GRID



Dimensions /



Technical specifications /

				-			Detector Technology	
1	Power	RAD	10kW (Inverter 15kW)			Detector	Detector Technology Pixel resolution	IGZO TFT 3072 * 3072
							Scintillator	
		FLO	3.5kW				Pixel Pitch	Direct Deposit CsI:TI
		СТ	4.8kW				RAD	140μm 1x1: 3072 x 3072
2	kVP		40 ~ 120kV(1kV step)	-			Fluoroscopy/CT	1x1: 3072 x 3072(11fps) 2x2: 1536 x 1536(30fps)
3	mA	RAD	1mA ~ 200mA	-	8		DQE	≥ 70% @ 0 lp/mm ≥ 24% @ 3 lp/mm
		FLO	1mA ~ 20mA				MTF	1 lp/mm : ≥ 70% 2 lp/mm : ≥ 40% 3 lp/mm : ≥ 23%
		СТ	1mA ~ 40mA				Lag	< 0.025% 1st frame
4	Exposure	RAD	200msec				Dimension	460 x 460 x 15 mm Cassette size (3.5kg)
		FLO	10min				Active Image size	427.8 * 427.8mm
				-			Bit depth	16bit
		СТ	20s			Software Interface,		Acquisition workstation with export
5	X-ray Tube	Focal spot	0.6 @ RAD/CT				Software	capabilities to PACS and multiple viewing software
		FLO	0.3 @ FLO	-	9		Technical features	Image Acquisition, Viewer, Archive, Media Burning and Query
		Target Angle	16°	-		DICOM Connectivity	Processing Tools / Acquisition Technique	MRP, MIP, Measurements, Slice Slab, Basic Volume Rendering / Single X-Ray images multiple exposures
6	Monoblock	Heat Capacity	105kj				DICOM compatibility	DICOM 3.0 Standard
7	Collimator	Туре	Double slit, Automatic	-) CT Image Mode	CT Scan Mode	-HR(High Resolution : Optimized for bone tissue analysis) -Normal
		Initial Position	0cm * 0cm	-	10			-HQ (High Quality : Optimized for soft tissue analysis)
		Max Position	43cm * 43cm	l			FLO Acquisition Speed / Reconstruction Time	4 ~ 18 sec / Min 25sec
		Inherent filtration	1.0mm Al		11	DR Mode	Resolution / Acquisition Speed / Pixel Size	0.14 mm (3.5lp/mm) / < 7 sec / 3072 x 3072
		LED Lamp	LED/ Duration 30s		12	FL Mode	Acquisition Speed	10fps @ 3052 x 3052, 30fps @ 1516 x 1516

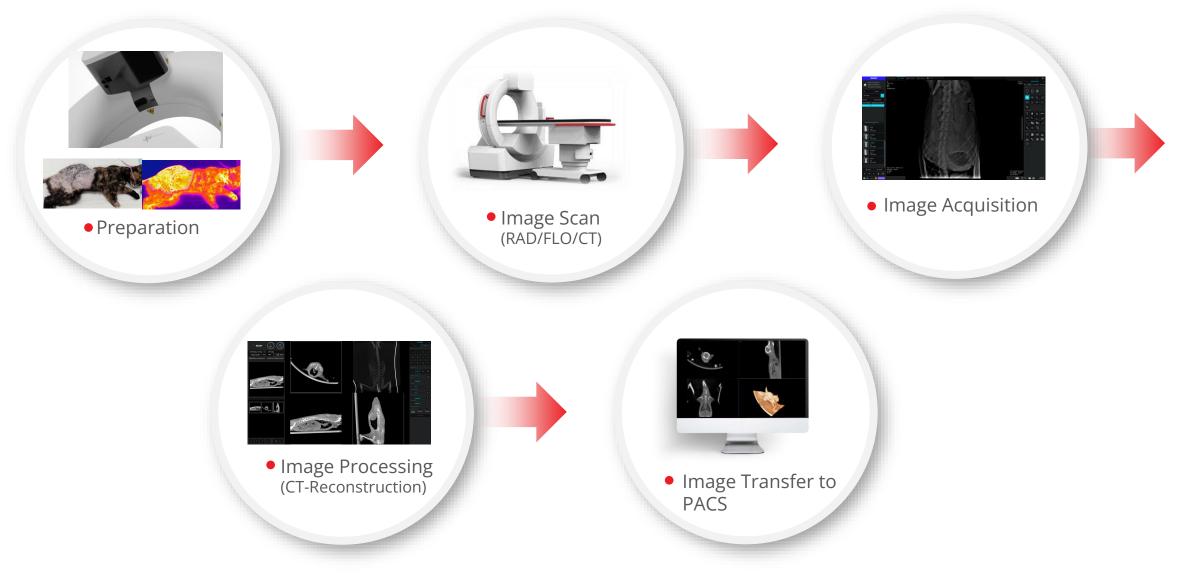
CBCT – comparison /

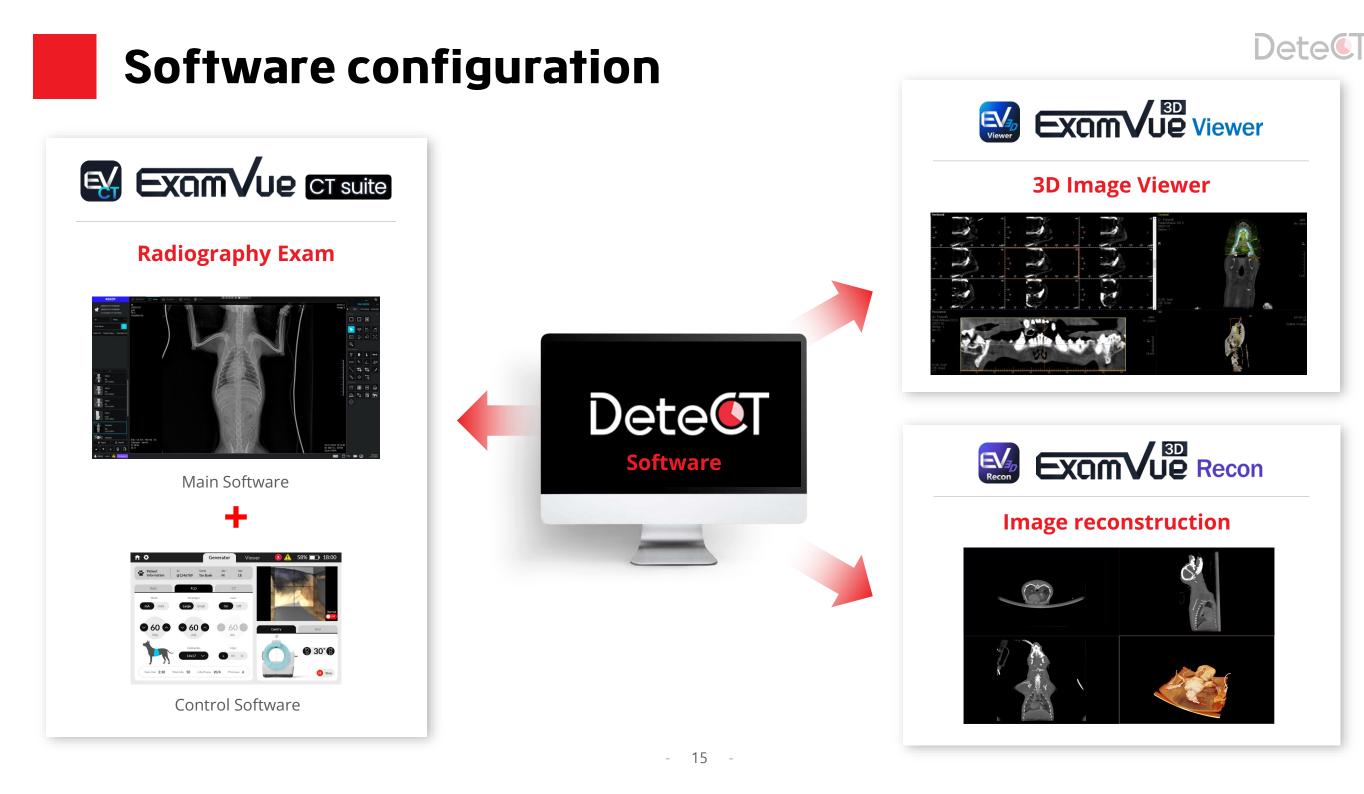
Company	Xoran	iCRco	Epica	Animage	JPI Healthcare
Product	vTRON	Claris XT	Vimago GT30 Pico	Fidex GT	DeteCT
FOV (Detector)	22cm x13cm	T.B.D 43cm x 43cm(140um, a-si)	30cm 17,5cm x 150cm	32cm 43cm x 43cm(139um, a-si)	28cm x 28cm 43cm x 43cm(IGZO)
Price	\$220K	95K	\$200K ~ \$270K	T.B.D	T.B.D
Bore Size	800mm	710mm	592mm	T.B.D	750mm
Remarks	СТ	3-in-1(RAD, FLO,CBCT) The Specification seems incorrect in website X-ray power: 5kW	3-in-1(RAD, FLO,CBCT) Vimago HU Vimago HU Pico Vimago GT30 Vimago GT30 Pico	3-in-1(RAD, FLO,CBCT) FLO: 5 to 30 fps X-ray power: 2kW	3-in-1(RAD, FLO,CBCT)

System Workflow /

Simple & Easy Operation

Dete





Main Software /





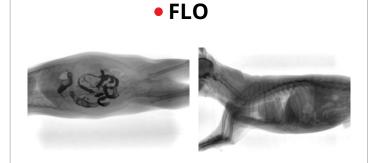
Highest Quality Hybrid CT/FL/DR Imaging

ExamVue CT suite Software is the main operating software for the DeteCT system. The software is designed to provide the image acquisition, image processing, hardware integration, and operational management functions for radiologists and radiology technicians. The software saves the digital X-ray images acquired in the Radiography, Fluoroscopy or Computed Tomography mode and processes the acquired image to achieve the best image quality. The software also manages patient information and store diagnostic images in an internal database. ExamVue CT suite software supports DICOM 3.0 protocol which allows compatibility with the network programs such as PACS and PMS.

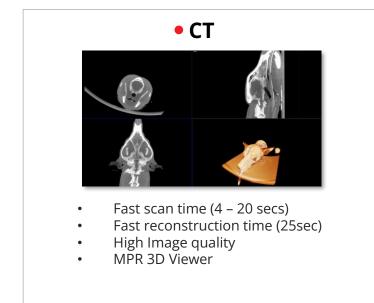
• RAD



- Simple workflow
- Emergency exam
- Image Preview
- Fast image processing time (< 0.8 sec)
- Advanced Image processing
- Powerful measurement tools for veterinarians
- X-ray technique optimization using automatic measurements of patient thickness



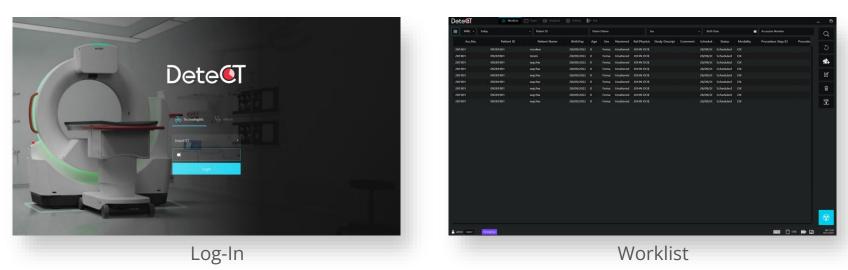
- Large field of view (43cm x 43cm)
- Frame rates 10 to 30 fps
- GPU based Real-time image processing
- DSA (Digital Subtraction Angiography)
- ABC (Auto Brightness control)
- Cine player
- Save Cine or DICOM





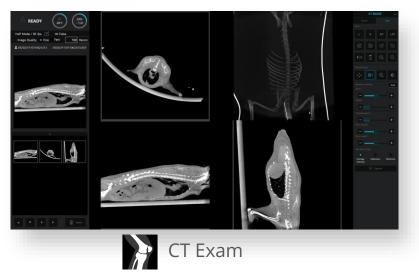
Main Software – UI /

3 modes (3-in-1, RAD/FLO/CT) UI Customized for Vet practices



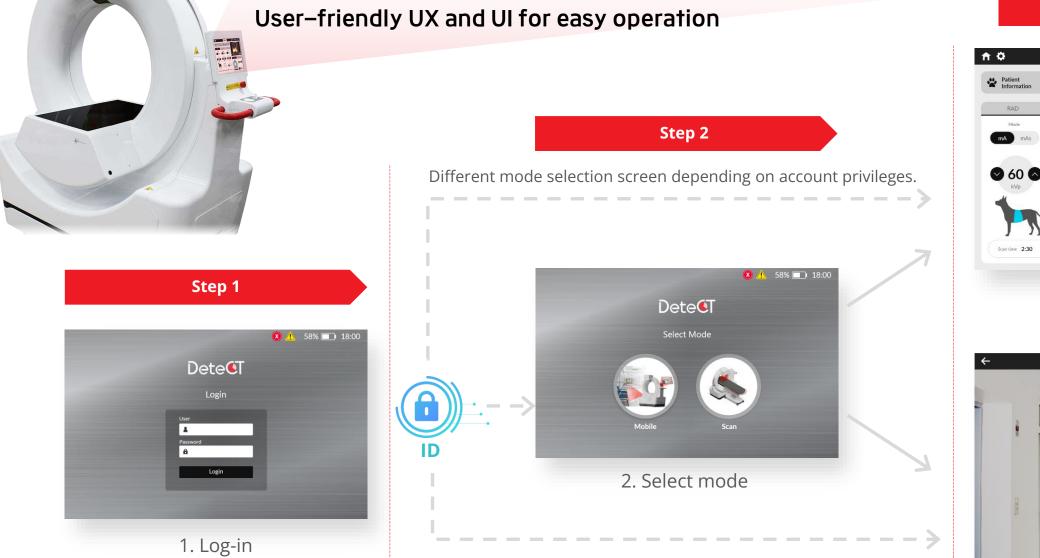






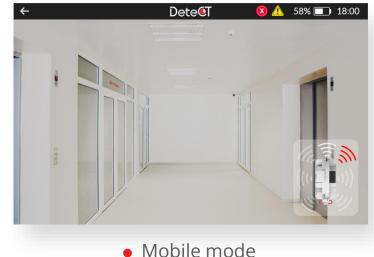


Hardware Control Software Work– Flow(Scan/Mobile) /



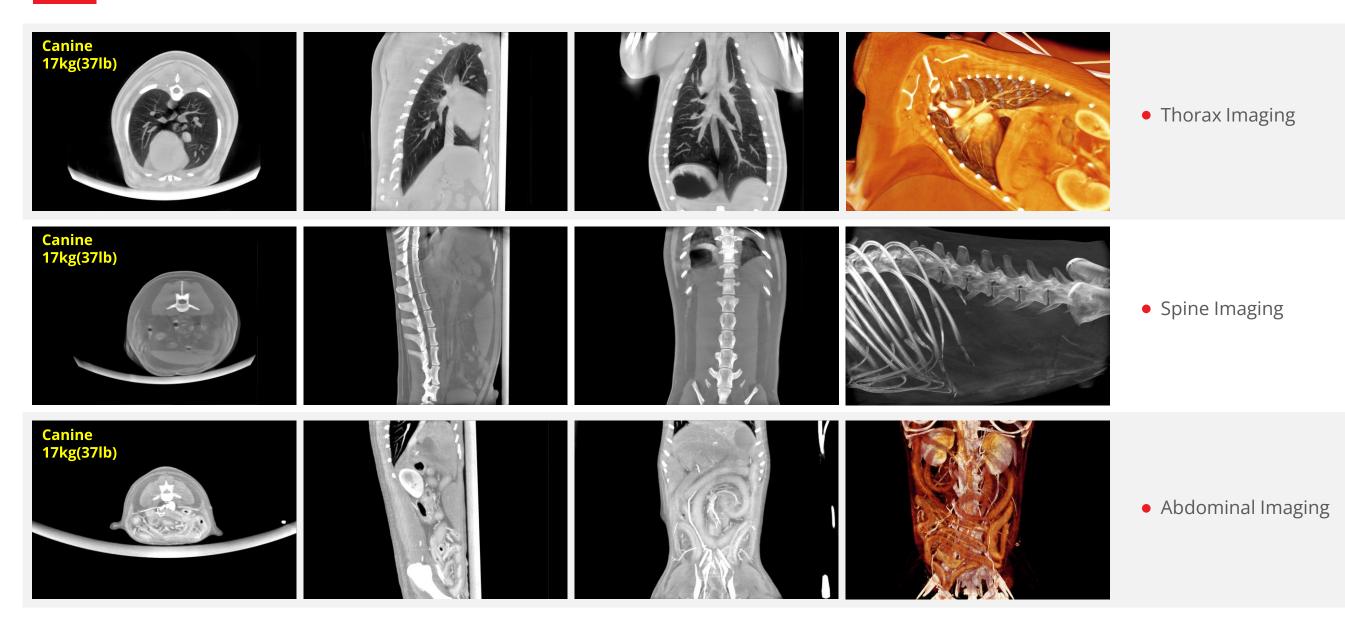
Step 3





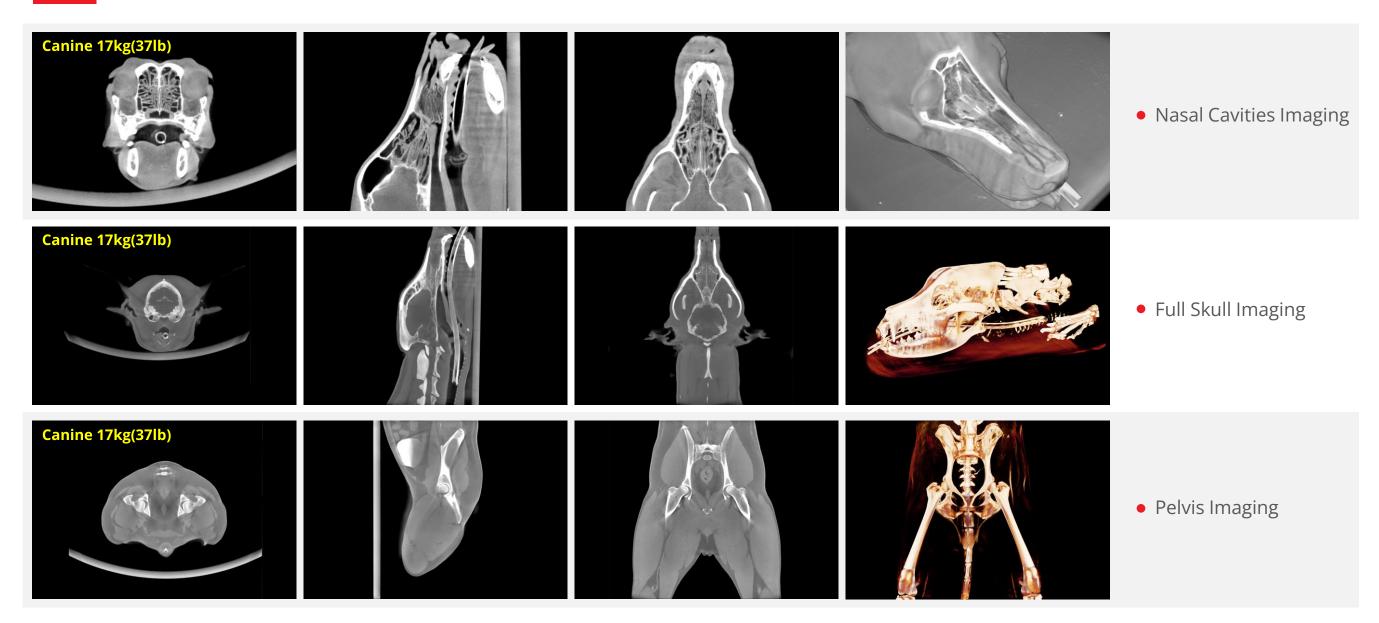




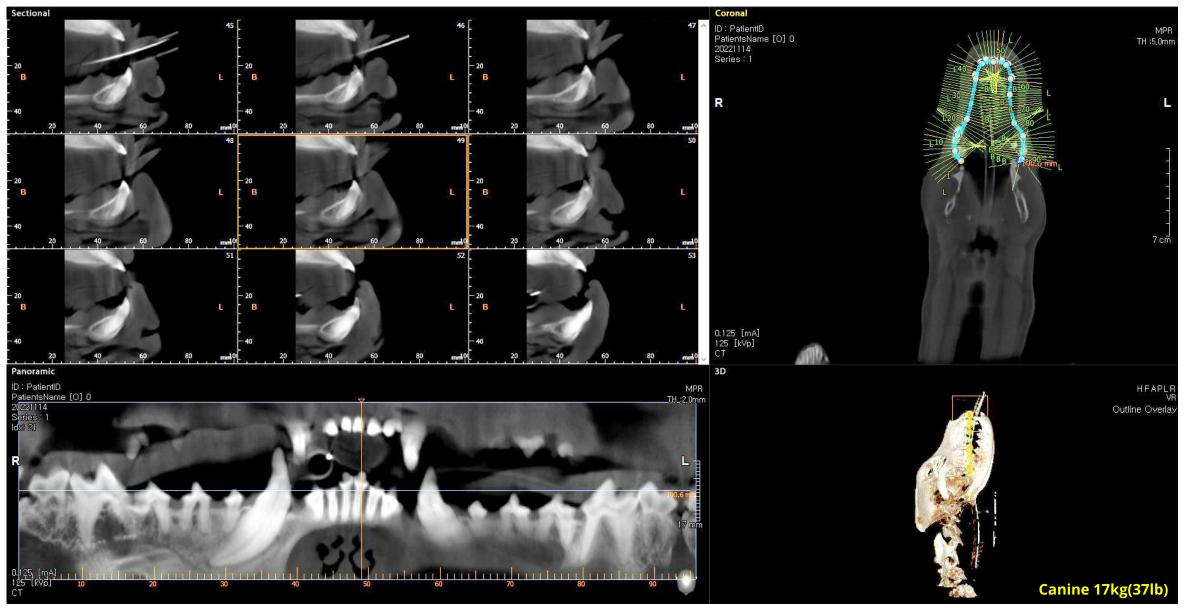






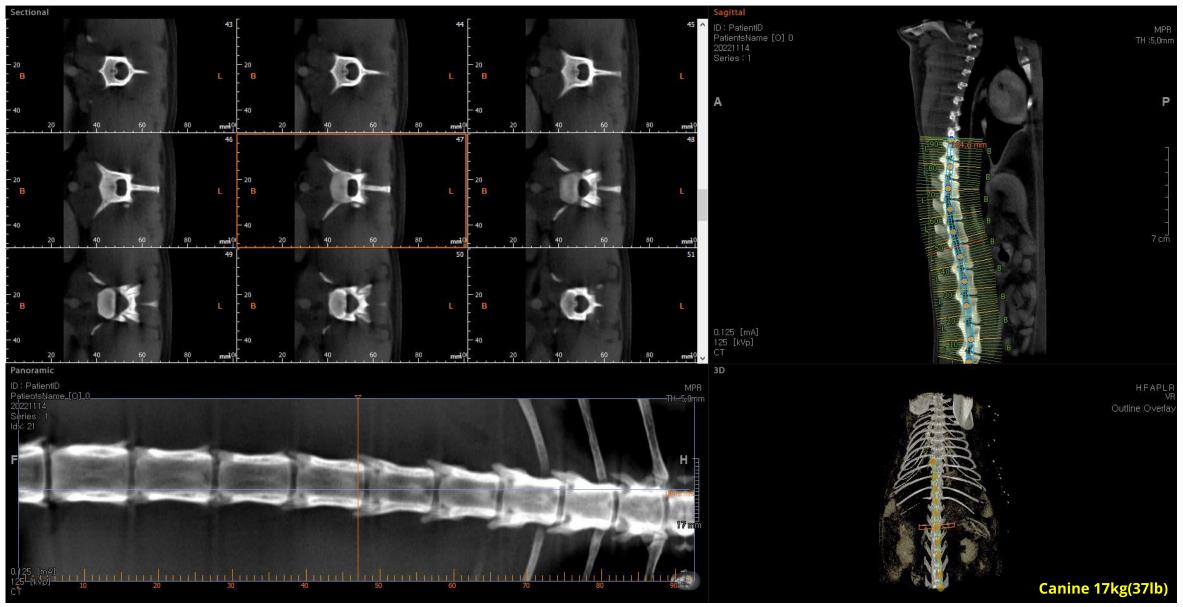


Diagnostics /



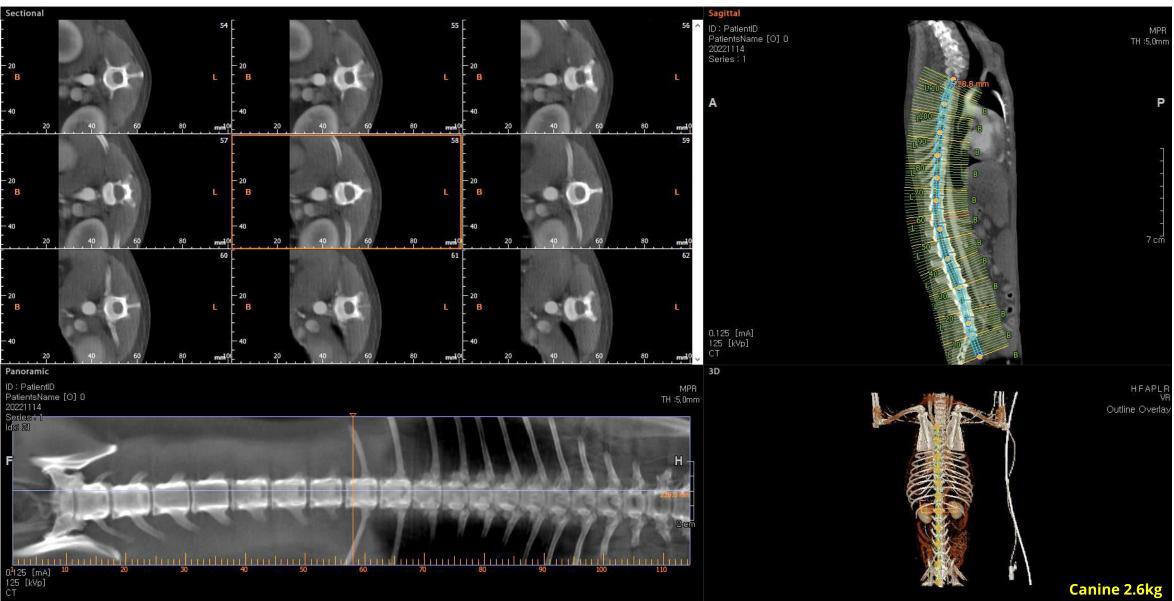
• Dental Imaging

Diagnostics /



• Spine Imaging

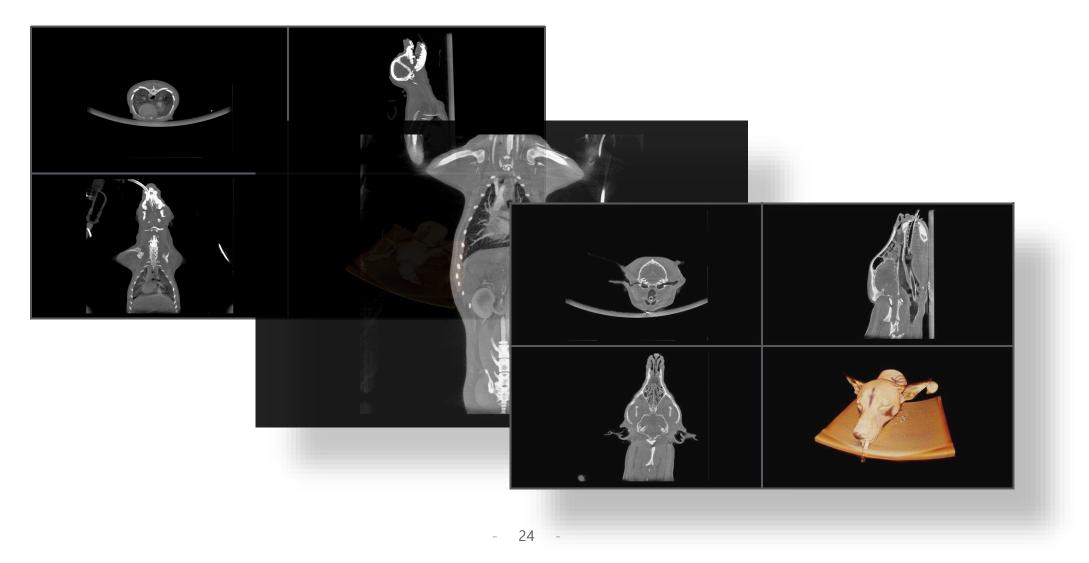
Diagnostics /

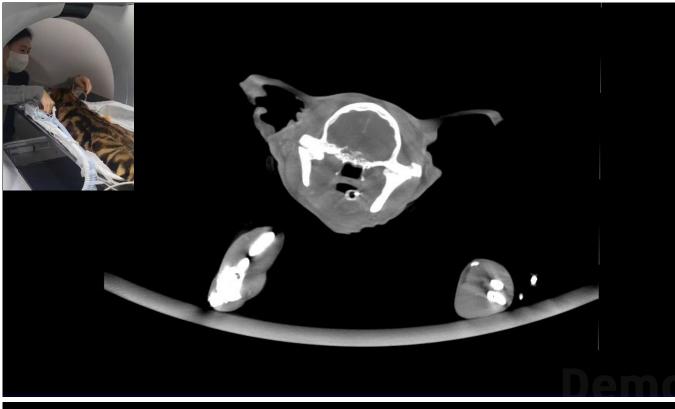


Dete

• Spine Imaging

Image Gallery

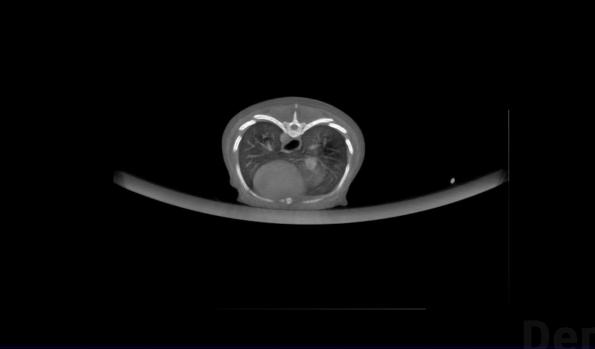


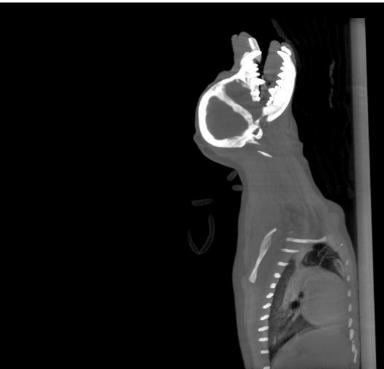




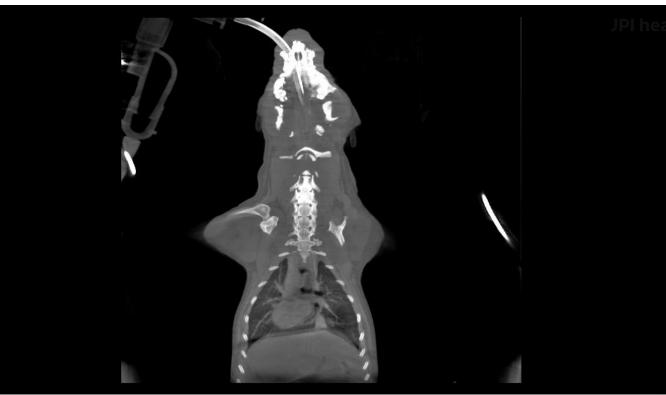


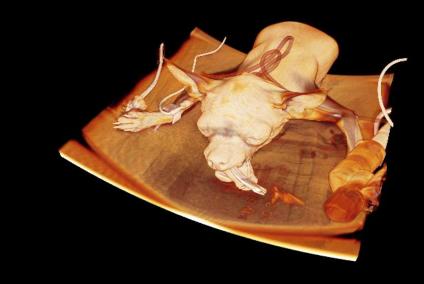






Demo image





Canine 2.6kg(5.7lb)

