VIEWOCKS

Contents

- Overview
- Products
- Technology
- Quality Management & Customer Service
- Vision

Company General Information



Company

Vieworks Co., Ltd.



CEO

Hooshik Kim



Established

18 September, 1999 (Listed in KOSDAQ in April, 2009)



Number of Employees

263 (2017)
50% workforce
contribution to R&D and
Quality Management



Location

Anyang City, Republic of Korea



Website

www.vieworks.com

Philosophy



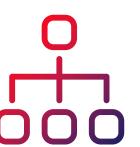
Vision

To create new solutions
by offering better vision
to the humanity



Mission

To make remarkable contributions to improving health and developing industry by providing the best image solution based on our passionate and creative talents along with the optic imaging technologies



Key Values of Vieworks

Passion

Creativity

Morality

History



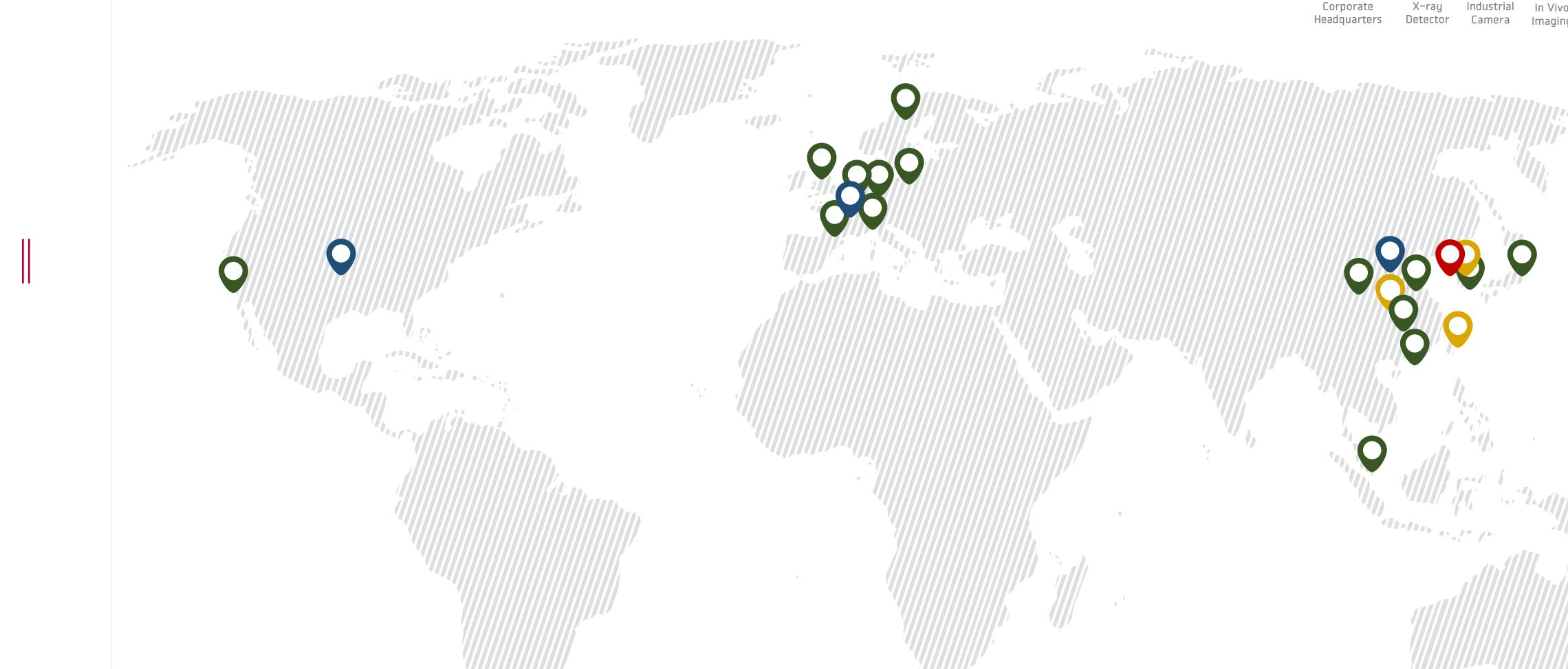
Global Network

VIEWOCKS









Business



X-ray Detector

General Radiography
Veterinary
Dental
Radiography & Fluoroscopy
Mobile C-arm
NDT & Security

X-ray Detector Software

Viewer Programs

• VXvue

• Slimpac∏Plus

Streamlined PACS



Industrial Camera

Area Scan Cameras

TDI Line Scan Cameras

Customized cameras

Accessories



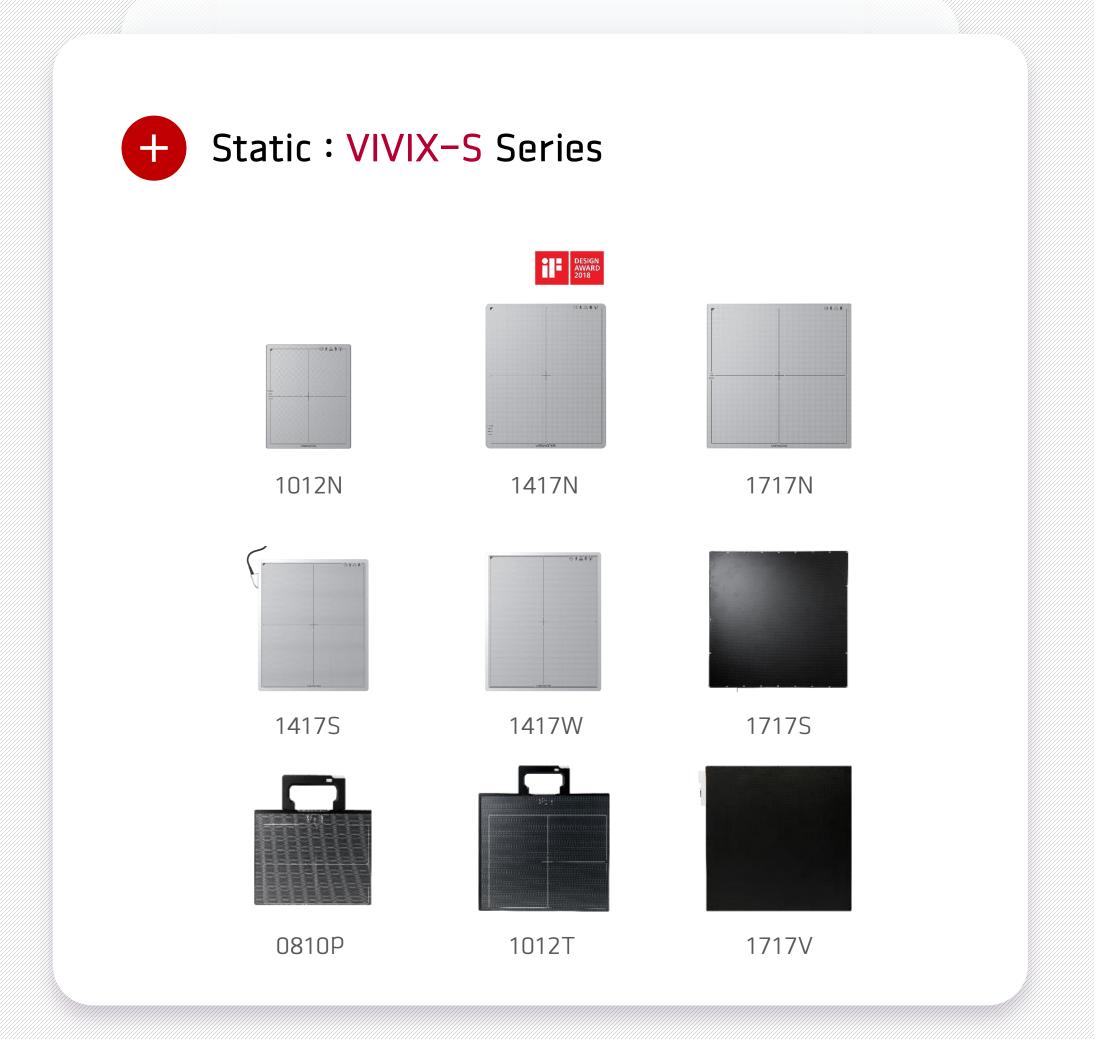
In vivo Imaging Solution

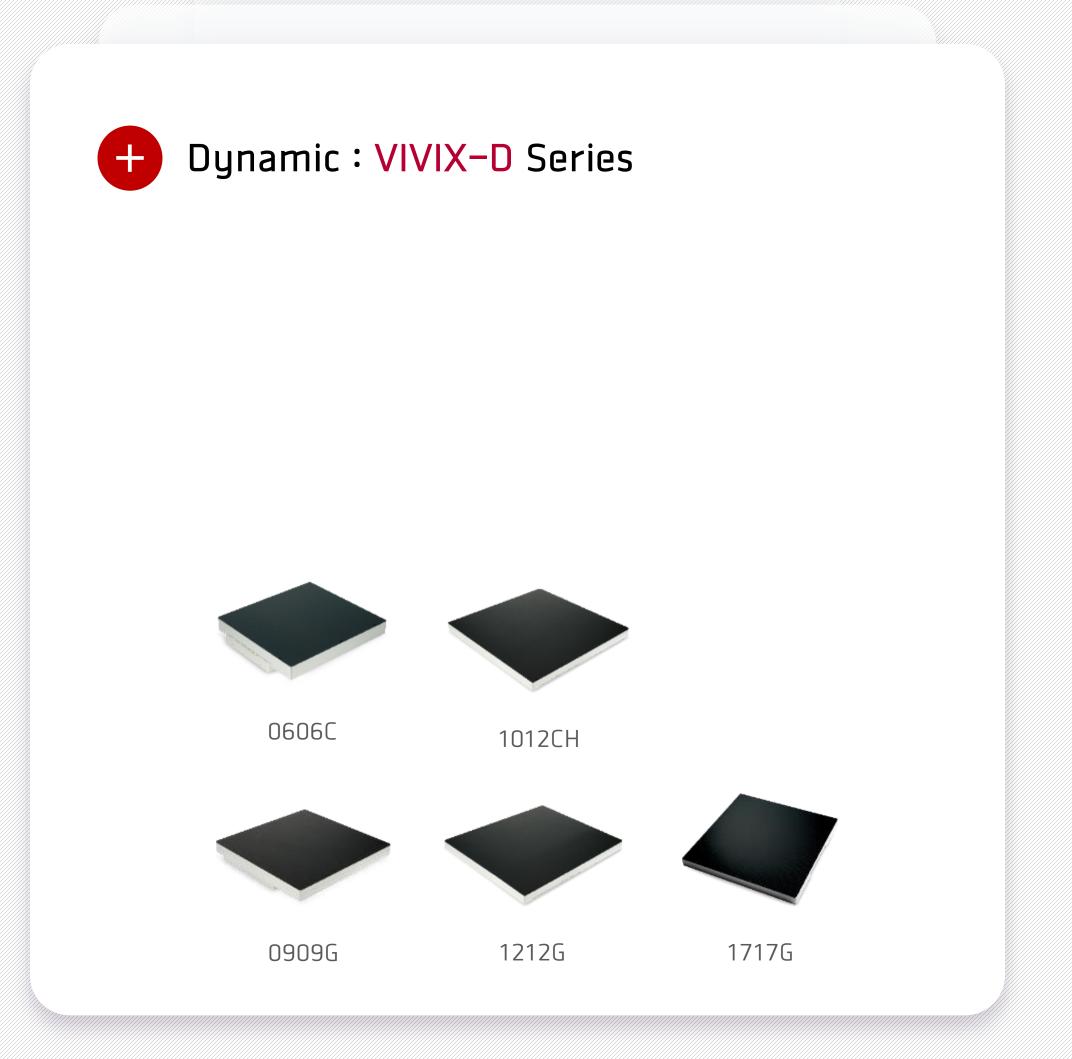
In Vivo System

Kinetic Analysis Solution

H/W Lineup

X-ray Detector Lineup





S/W Lineup

X-ray Detector Lineup

1 VXvue

Digital Radiography acquisition viewer for VIVIX-S Series

Easy Workflow User Friendly Various Apps **2** Purelmpact™

Advanced X-ray image processing library

Excellent Image Quality Simple Management Separated SDK

3 QXLink 3

Streamlined PACS

Optimized PACS

4 Different Apps(Human, Vet, Chiro, Orthopedic)

Std. DICOM Print/Storage 4 Slimpac II Plus

Digital Radiography and Fluoroscopy Acquisition Viewer for VIVIX-D series

Simple Workflow

Virtual Console

Advanced Features

Industrial Camera Lineup



Area Scan Cameras



VA Series
Advanced High
Speed CCD Camera



VN Series
Ultra High Resolution
Pixel Shifting Camera



VC Series
High Speed
CMOS Camera



VP Series
Thermoelectric
Cooled Camera



VX Series
Aerial Imaging/
Surveillance Camera



VNP Series
Integrating TEC into
Nano stage pixel shift



VH Series
High Performance
CCD Camera











VT Series
High Sensitivity & High speed
TDI Line Scan Cameras









VT-MS Series
Multi-Spectral
TDI Line Scan Cameras



VT-DI Series

Dual Imaging

TDI Line Scan Cameras







Bio Imaging Solution Lineup



In Vivo System



VISQUE™ InVivo Elite

Preclinical *in vivo* Fluorescent & Bioluminescent Imaging and analysis system

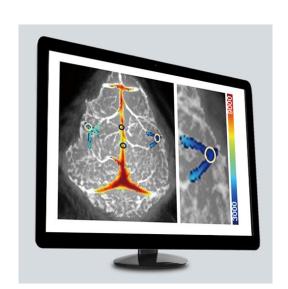


VISQUE™ InVivo Smart

Preclinical *in vivo* Fluorescent Imaging and analysis system



Kinetic Analysis Software



VISQUE CleVue™

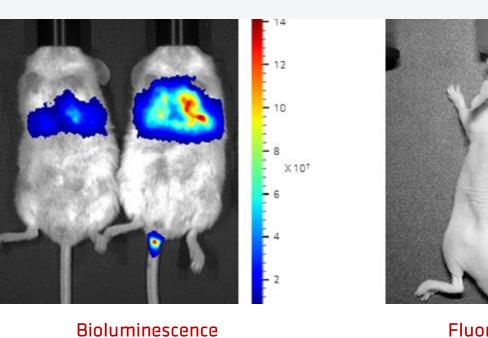
Image Acquisition

- Simple imaging
- Accumulation imaging
- Time-lapse imaging

Image Analysis

- Quantitative or relative ROI information
- Report fature including analyzed image and information
- Kinetics analysis with various patented algorithms

Images



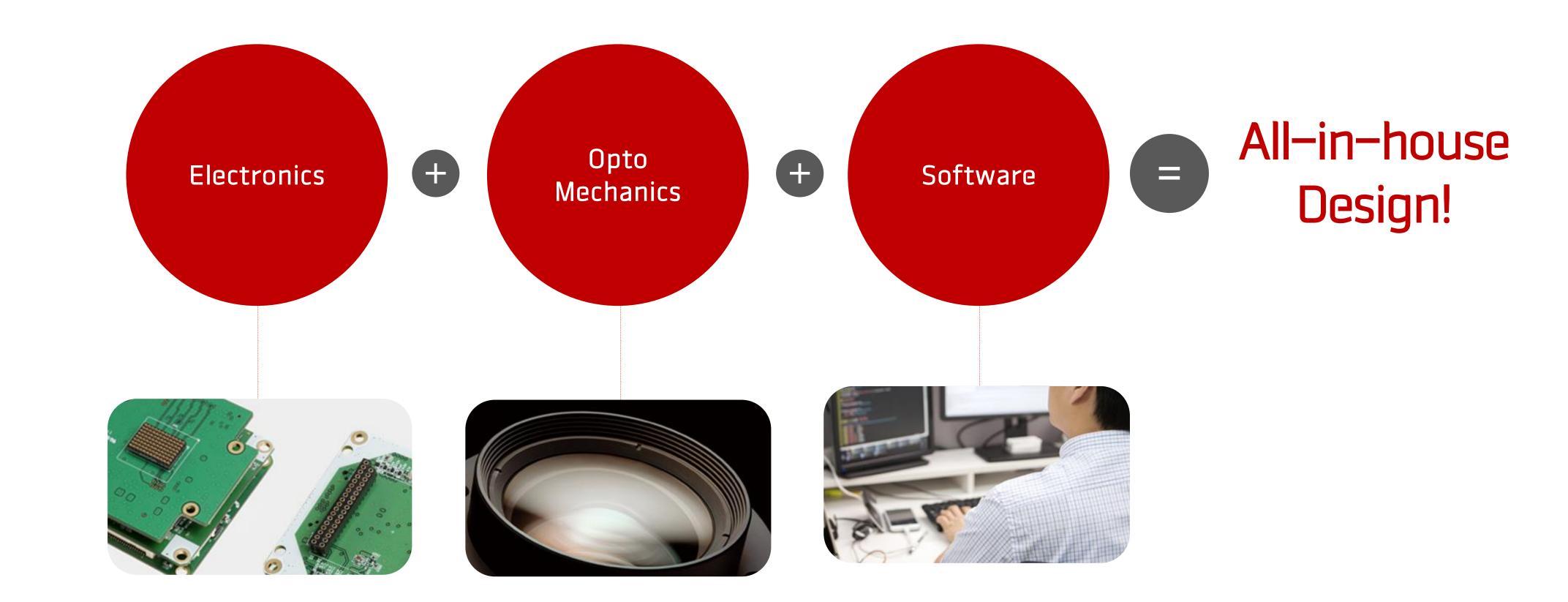
BALB/c mice injected into the tail vain

with breast luminescence tumor cell, 4T1

Fluorescence
Nude mouse injected subcutaneously

With breast RFP tumor cells

Core Technology



X-ray Detector Technology



Automatic Exposure Detection

Stable and reliable AED(Automatic Exposure Detection) function enables users to operate the detector without any wire connection or electronic interface with X-ray generator

High reliability

High sensitivity



X-ray Detector Technology

inside AP™

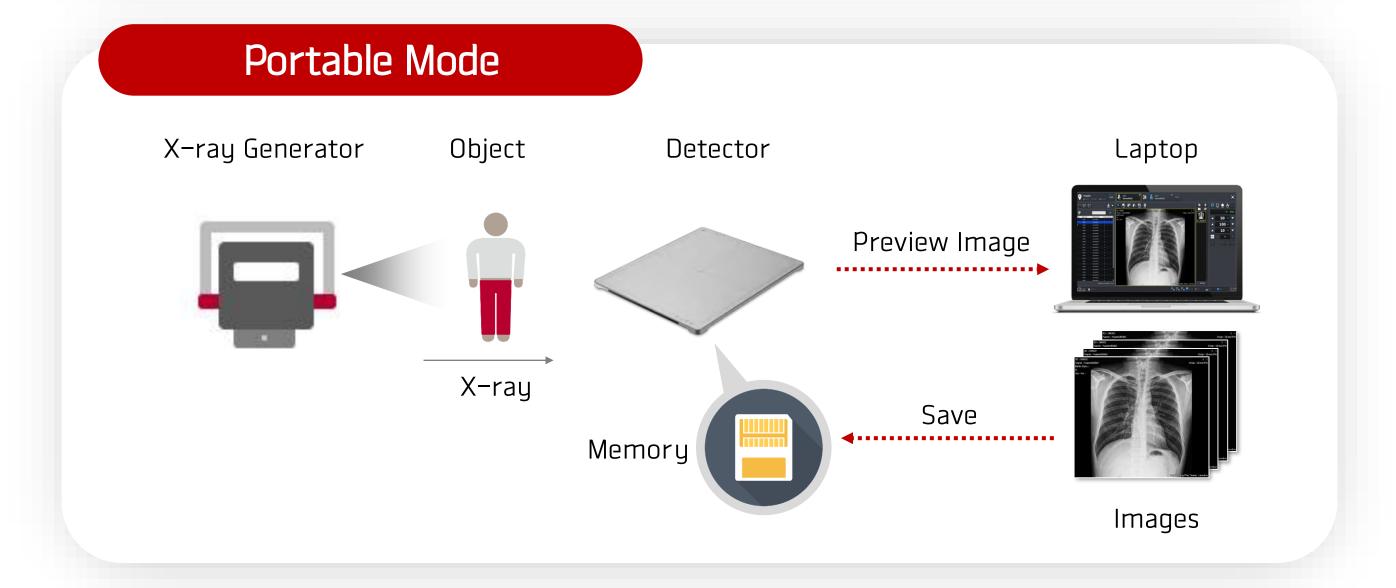
Wireless Access

Wireless access point inside the detector makes it truly portable

Internal storage up to 200 images

Quick and easy transition through the exterior button





Industial Camera Technology

TDI Line Scanning



The first hybrid TDI sensor

- The highest SNR
- High sensitivity line scanning
- Ultra high speed

Pixel Shifting



The finest imaging technology beyond physical sensor performance

- Extend image resolution with nanotechnology
- True color full image resolution
- Improved fill factor

Thermoelectric Cooling Technology



The reliable solution by operating the stable thermal condition

- Thermoelectric peltier cooled
- 20 degrees below ambient temperature

In Vivo Imaging Technology

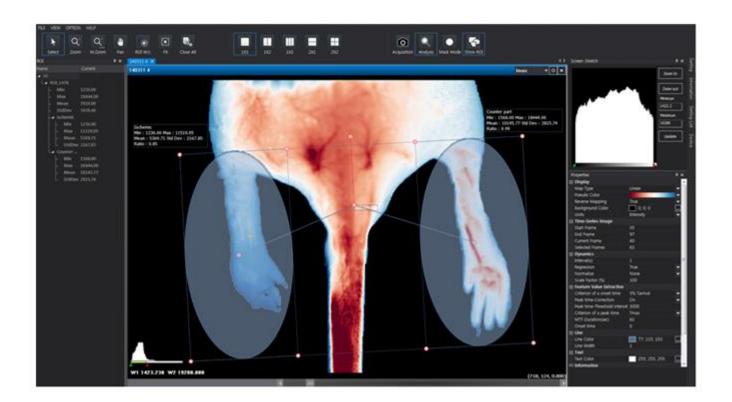
Thermoelectric Cooling Technology Camera



The first adapting optical solution for enhancing convenience

- Ultra cooling system with TEC technology
- High sensitivity
- Patented heat radiation structure customized for camera
- Noise removal technology

Kinetics Analysis



Dedicated In Vivo imaging and kinetics analysis tools

- Easy and diverse kinetic analysis tools
- Various ROI tools with useful functions
 Kinetic analysis of as many as 1000 time
 -lapse images

Quality Management & Customer Service

Quality Management

RoHS Compliance



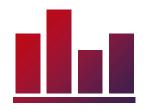
For screening hazardous substances

Temp./Humi. Work-in Chamber



Environment test that simulated conditions of actual use

Pressure & Drop Test



Use environment test

Cable Stress Test



Test to assure performance of key component

FPD Burning Test



Quality assurance under non-favorable condition

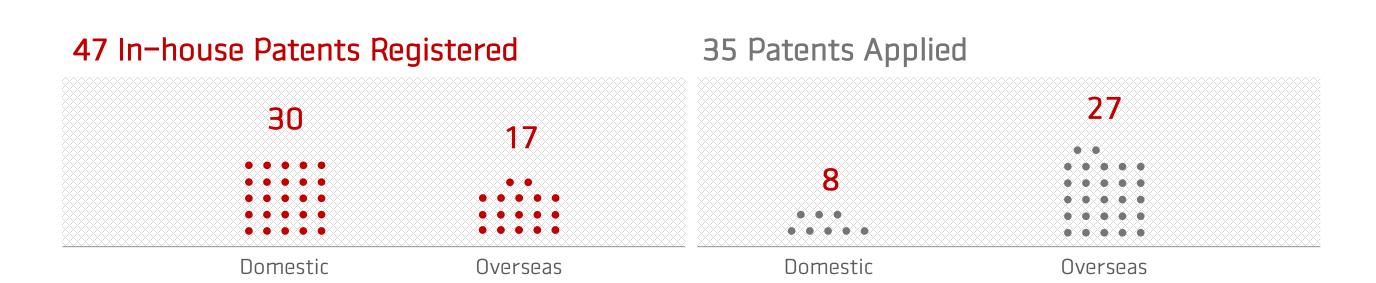
FPD Auto Machine & Image QC program



Statistical image quality control

Patents/Certifications

Patents Status



Certification Status



§ SAI GLOBAL



FDAApproved

(€₂₄₆₀



ISO 13485

CMDCAS

KGMP

FDA

CE

CFDA



(U) LISTED

Health Canada Æ

S.



KFDA

UL

Health Canada

FCC

KCC

ANVISA

Customer Service

	Vieworks HQ	Vieworks America	Vieworks Europe	Vieworks China
Location	Anyang-si, Korea	Chicago, USA	Eschborn, Germany	Shanghai, China
Coverage Area	Over the World	America(North & South)	Europe	China
Available Language	Korean / English / China	English	English / German	English/ Chinese

Service Platform: Vieworks Download System (VDS)

Offering all data through a secured online website









Service Loaner Plan

Providing a loaner when issue is reported, so customers can continue their practice without halting

RMA





aner

Diagnostic Tool

Checking product status easily
Reporting all necessary data
conveniently when issue is occurred



Training

Supporting engineering Q&As
Providing offsite training sessions on requests



Vision



Customer-First

Ceaseless efforts in improving performance for customers



Creativity

Continuous research in enhancing our imaging solutions



Passion

Compliance of strict
product quality management system
to ensure the world top quality

VIEWORKS