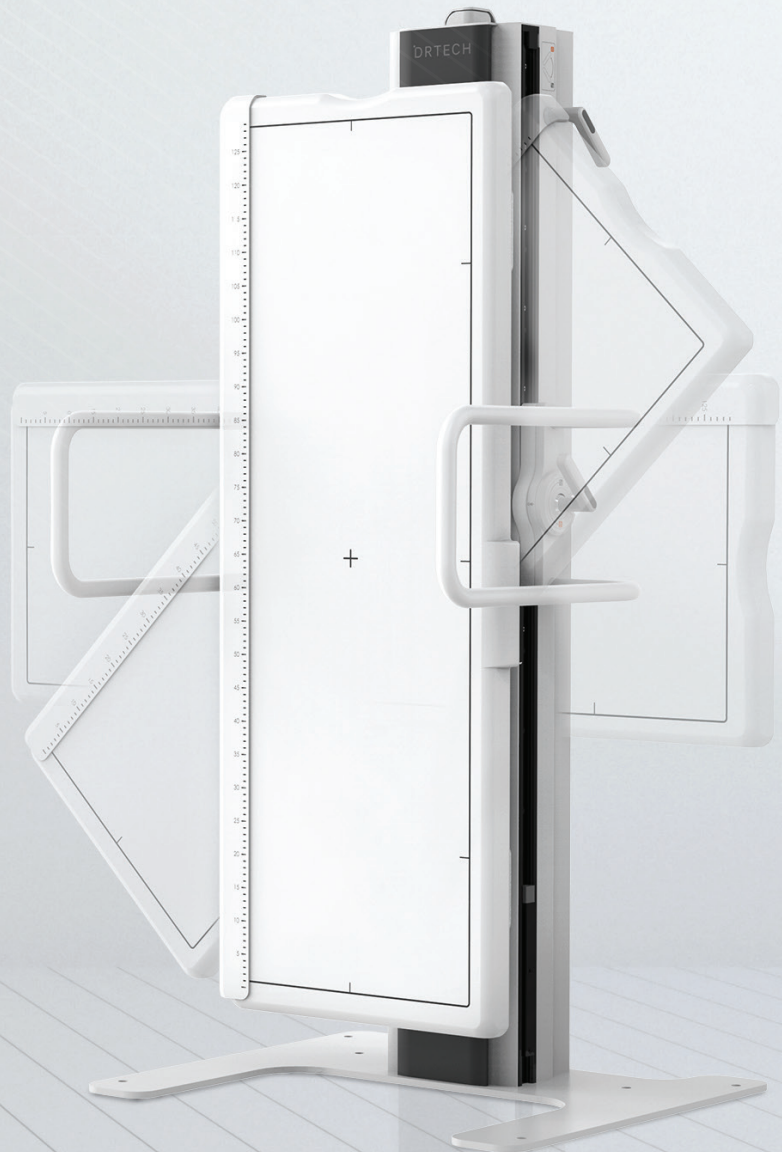


DRTECH

LLD

Long Length Detector

Single Shot Long Length Image



EXPEED86P | EXPEED129P

LLD Long Length Detector

Setting the New Standard in General Radiography with Large Imaging Area



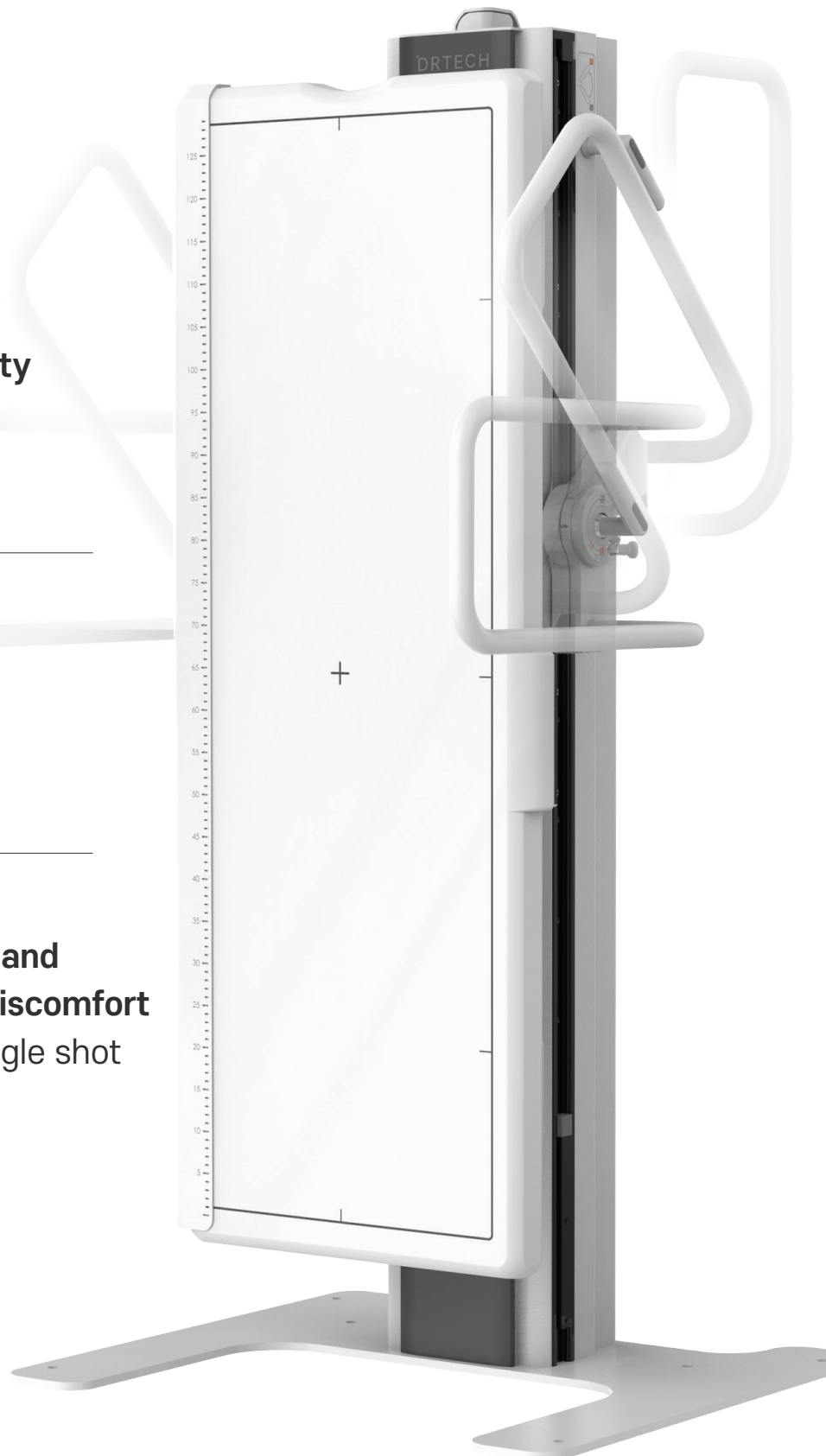
Increased Productivity and Accuracy with Long Length Imaging



World 1st Auto ROI : Adjustable ROI for Multi-mode Imaging



Enhanced Workflow and Decreased Patient Discomfort with a Long-View Single shot



EXPEED129P



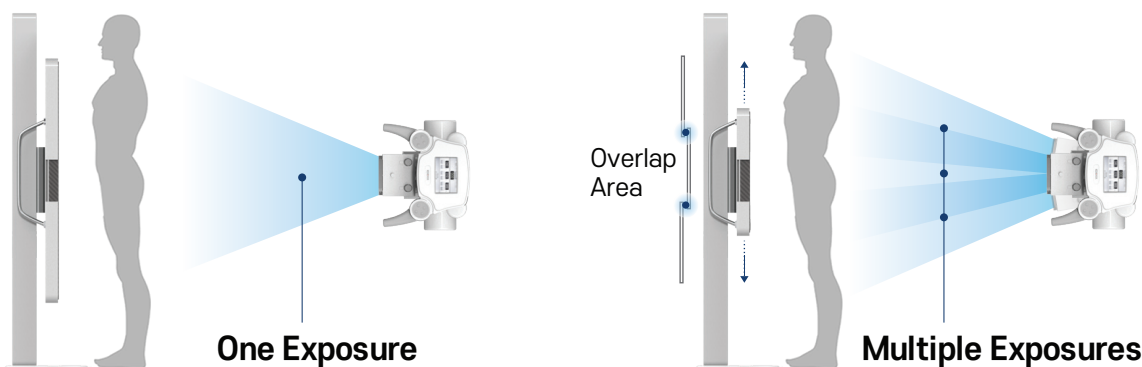
EXPEED86P



Enhanced Accuracy with Long-view Single Shot Imaging

Using single exposure to capture long-length images provides an unmanipulated large field of view high-resolution images perfect for leg-length and spine exams. Conventional multi-exposure stitched images may cause image distortion during the stitching process reducing diagnostic accuracy. EXPEED LLD provides the largest field of view and highest resolution to deliver high-quality leg and spine exams with a single-shot examination. Maintain perfect diagnostic accuracy with EXPEED LLD series.

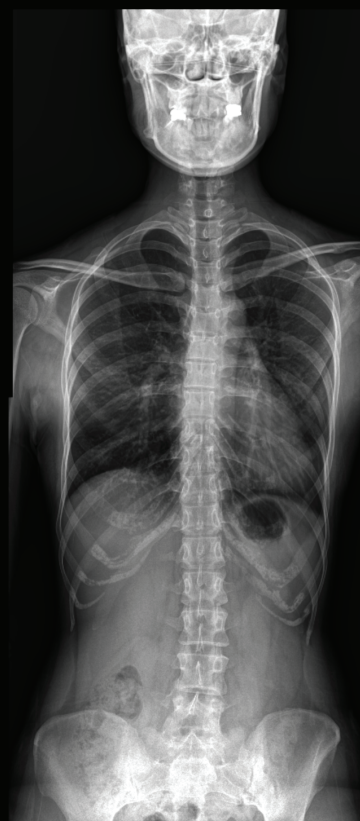
EXPEED LLD series Single-exposure Method vs. Multi-exposure Method



EXPEED LLD Series



Conventional Multi-exposure Stitch Image



Achieve Better Patient Satisfaction and Reduce Patient Dose

As EXPEED LLD captures an entire long-length image in a single exposure in just a few seconds, it prevents the need for retakes, minimizes exam discomfort for a better patient experience, and reduces the patient dose to increase patient safety.



Selective Body Part Image Acquisition with Auto ROI

Auto ROI designed by DRTECH can acquire various imaging modes such as the chest, whole spine, long leg, and both shoulders by automatically recognizing exposed areas in real-time.

EXPEED LLD X Auto ROI

Whole Spine



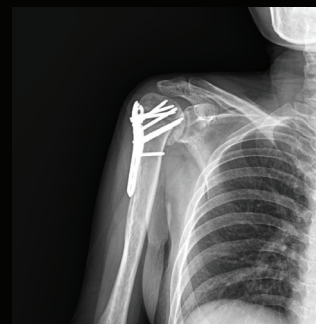
Long Leg



Chest



Shoulder



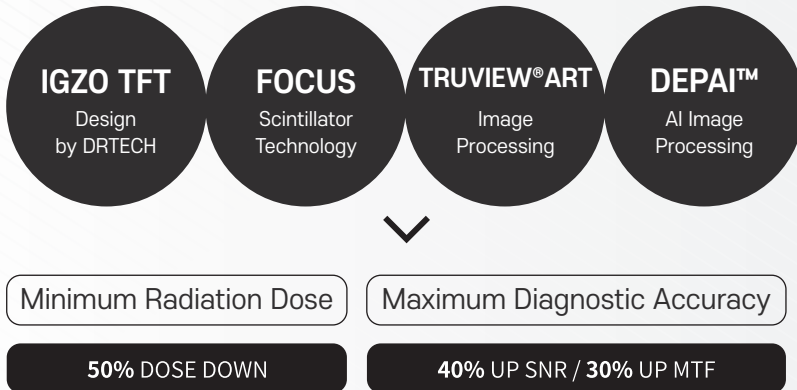
Both Shoulders



This advanced technology 'Auto ROI' embedded in LLD series acquires images of any part of the body without size or area limitations, making the LLD the only panel necessary for all of your imaging needs.

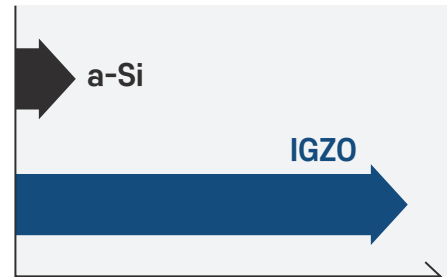
EXPEED by QX-Platform

High-Performance HW Platform Technology for Low-Dose Imaging



High-resolution IGZO TFT designed by DRTECH

QX platform's IGZO Technology has been developed by DRTECH and has 10 times faster electron mobility combined with lower leakage current compared to less-advanced TFTs. As a result, the IGZO TFT Technology has improved resolution by Ultra Noise reduction.



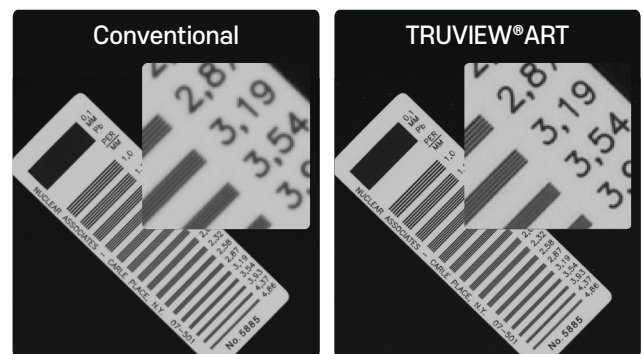
Electron Mobility Comparison

TRUVIEW®ART

Advanced image Reconstruction Technology

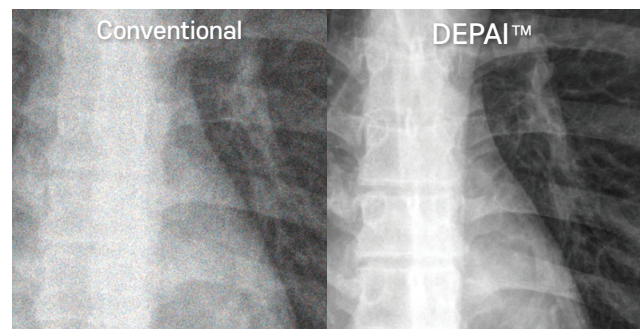
Image sharpness of an object in a conventional CsI image is reduced due to light scattering.

TRUVIEW® ART, the unique reverse filtering technology using mathematical analysis, reconstructs and improves image sharpness. This patented technology corrects radiographic image blurring to capture more details.



DEPAI™ AI Image Processing

DEPAI™ is DRTECH's AI based image processing technology. DEPAI™ adopts the CycleGAN method to eliminate image noise without affecting the overall image quality. Also with DEPAI™, SNR(Signal to Noise Ratio) is increased by 52% enabling high image quality even at low dose.



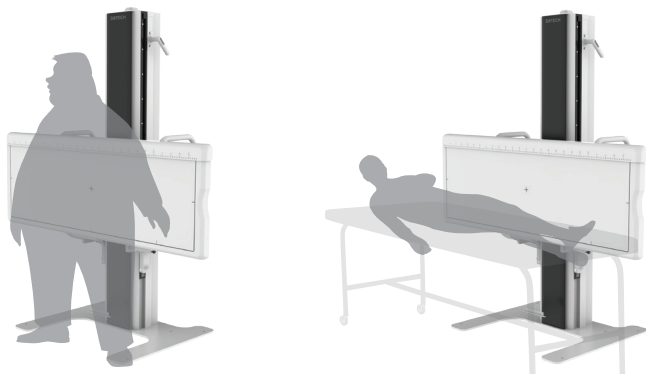
Experience a new level of efficiency, diagnostic confidence, and precision with EXPEED LLD Series



Compact & Enhanced Usability with LLD Bucky Stand

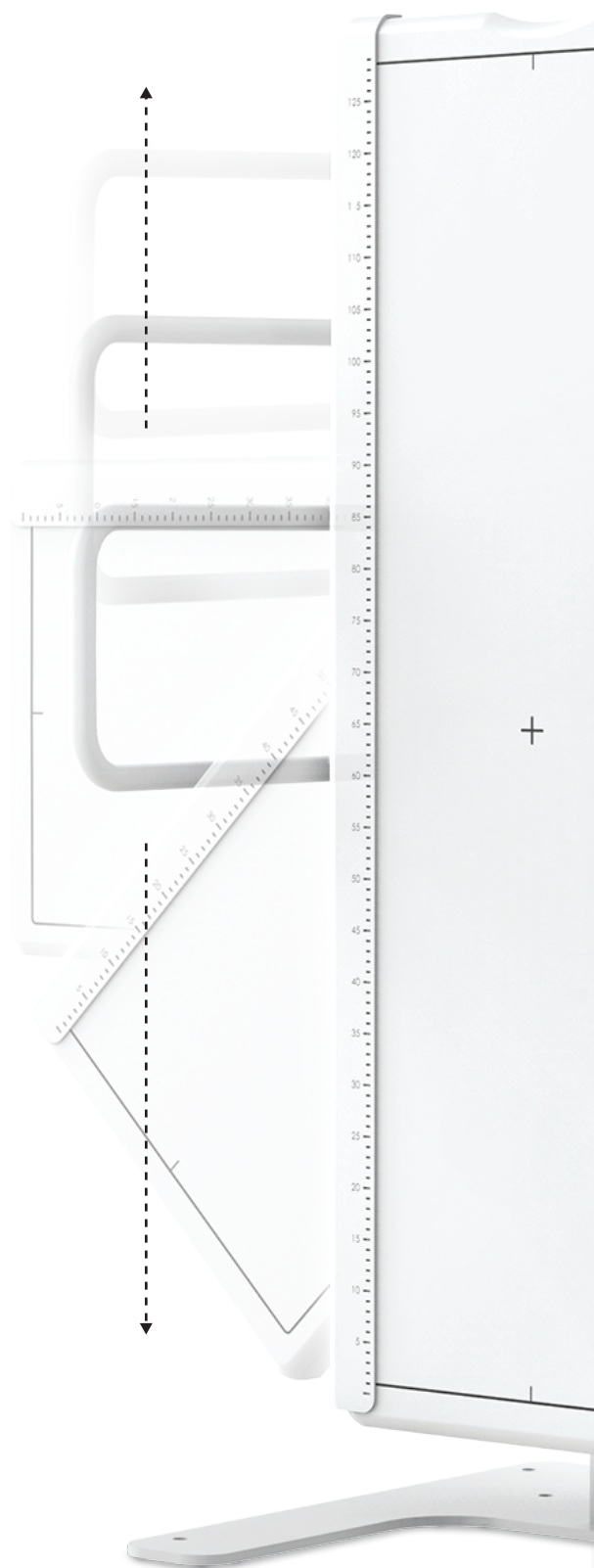
Perfect Versatility with Manual Vertical & Lateral

Both bucky and handles can be rotated 90 degrees, so LLD bucky stand covers diverse clinical applications such as the chest, whole spine, lateral imaging, and both shoulders.



Easily Attachable Radiopaque X-ray Lead Ruler

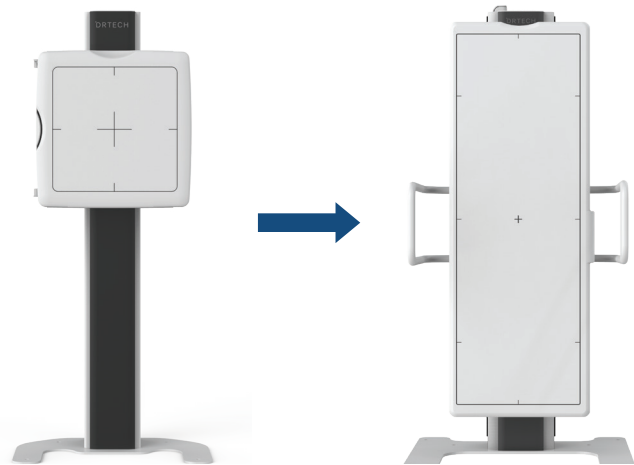
Unlike acrylic rulers, a radiopaque x-ray lead ruler can prevent physical damage from accidental drops and falls. Also, it can be easily attached and detached for convenient use and safe storage.





Quick & Convenient Upgrade Solution

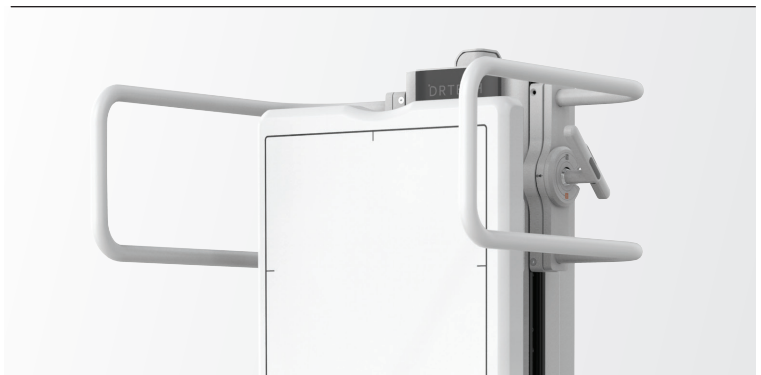
With no electronics needed, LLD bucky stand can be installed in any imaging room and easily combined with any suitable X-ray system for different applications.



Excellent Space Efficiency

LLD Bucky Stand can be installed in small spaces with a small footprint, providing high space efficiency.

Adjustable Patient Handles for a Greater Patient Stability



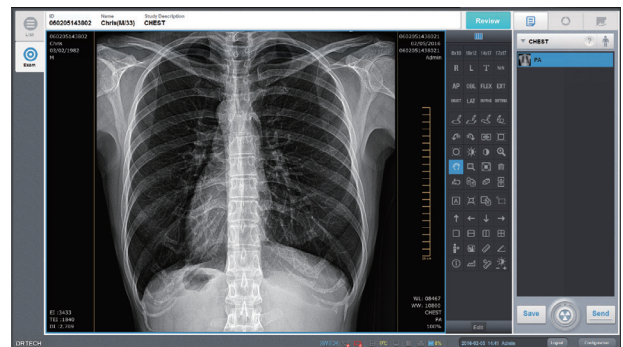
ECONSOLE1

Experience the Best User Convenience with ECONSOLE1



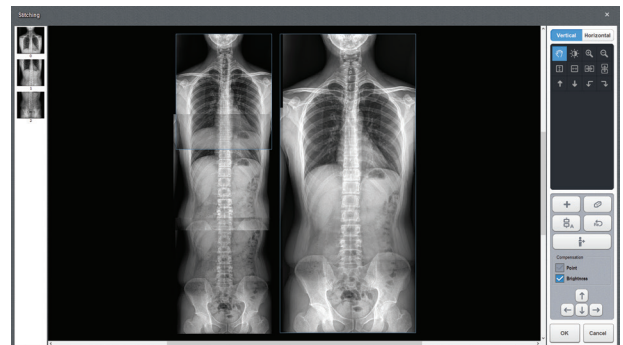
DRTECH's Proprietary Image Processing

- **DEPAI™** : DEPAI applies artificial intelligence image processing on Bone, Muscle, and Soft tissue resulting in noise and artifacts reduction on images.
- **TRUVIEW®ART** : increases image sharpness up to 30% resulting in exceptional image quality.



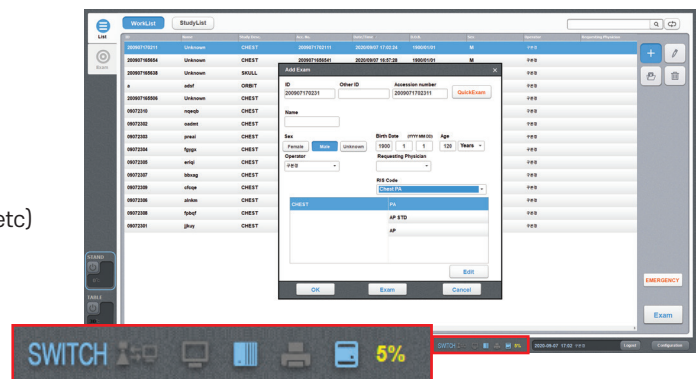
Versatile Image Editing Functions

- Auto Stitching(up to 4 images), Auto Labeling, and Auto Crop Function.
- Versatile Image Control Tool for User Convenience
- 9 Image Parameter Options Based on Image Preference.



Intuitive UX/UI

- Easy & Simple Patients Register Process
- Real Time Connection Status Check (PACS Connection, Image Transfer, Detector Connection, Battery etc)
- Customizable Tool Bar
- Multi-languages Support (17 languages)

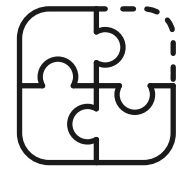


World-wide Service Coverage

Supported by experienced service engineers and 8 different overseas branches, DRTECH offers worldwide customer support.



Professional Service and Support by Experienced Service Engineers



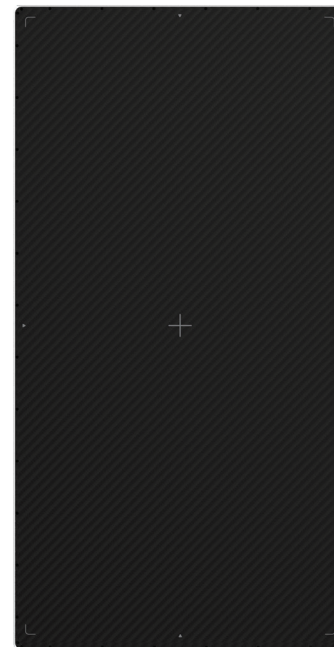
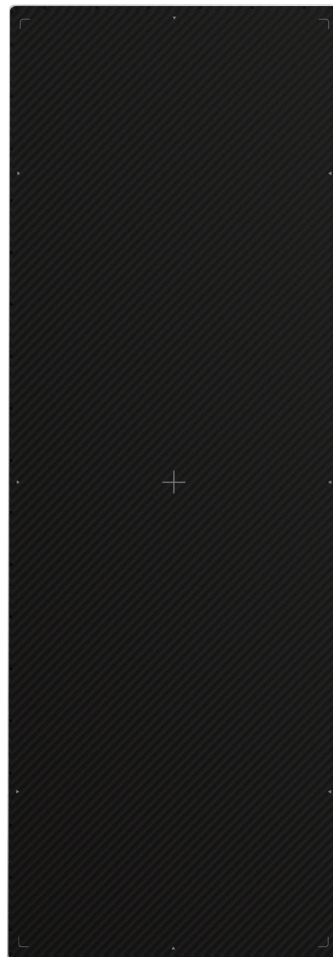
Fast and Immediate Technology & Service Support

EXPEED LLD Series Line-up

EXPEED 129P

EXPEED 86P

Image



Application	Static	Static
Active Area	IGZO	IGZO
Panel	430 x 1,285 mm	430 x 860 mm
Pixel Pitch	140 μ m	140 μ m
Resolution	3,072 x 9,216	3,072 x 6,144
Dimensions	450 x 1,310 x 20 mm	450 x 880 x 20 mm