



Cassette Size Digital Mammo Upgrade Solution

■ Mammo 1012C

IMAGING THE FUTURE



Cassette Size Digital Mammo Upgrade Solution

■ Mammo 1012C

IMAGING THE FUTURE

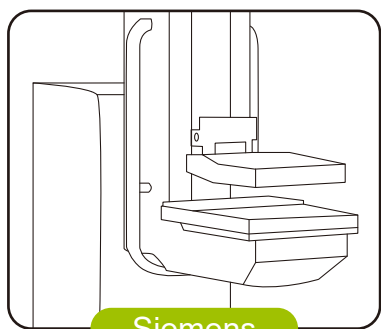


Cassette Size Digital Mammo Upgrade Solution



■ **Mammo 1012C**

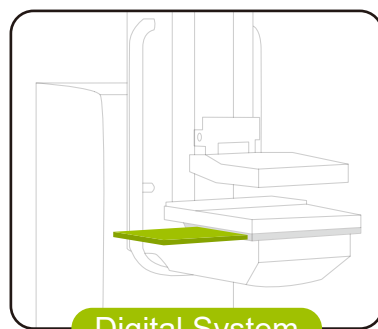
Slim (14mm)



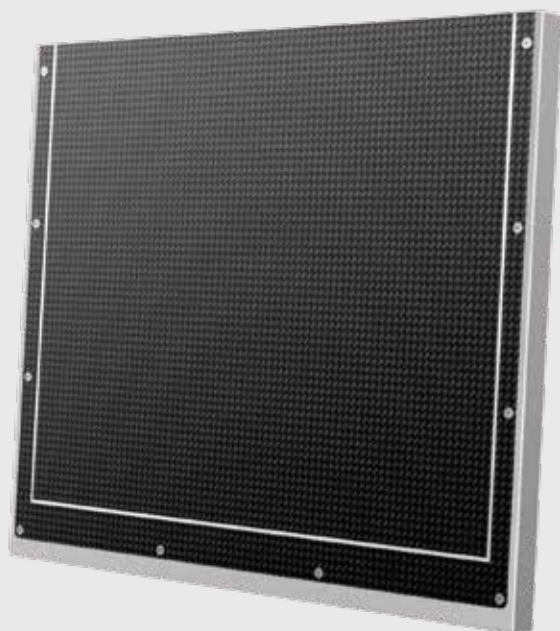
Siemens



Upgrade Solution



Digital System

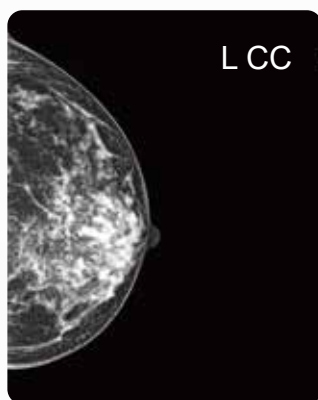


85 μ m pixel pitch with 16-bit ADC

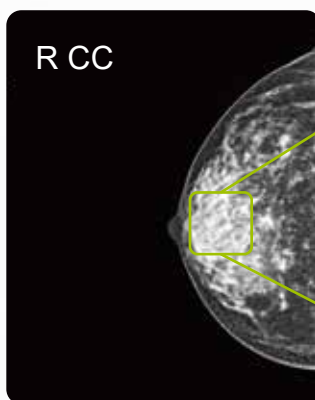
2mm chest wall

Reliable AED function

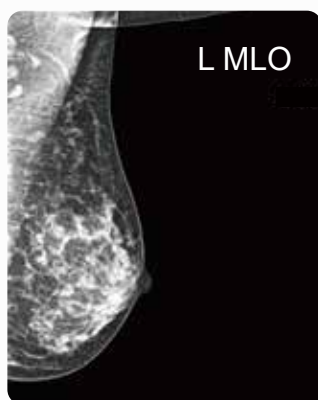
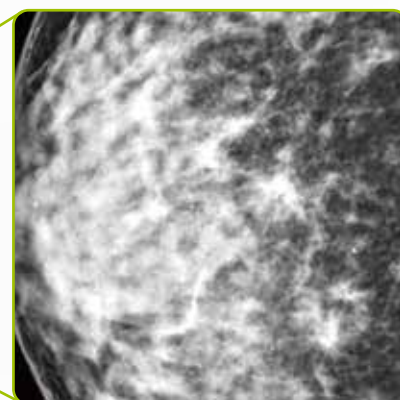
High resolution and DQE



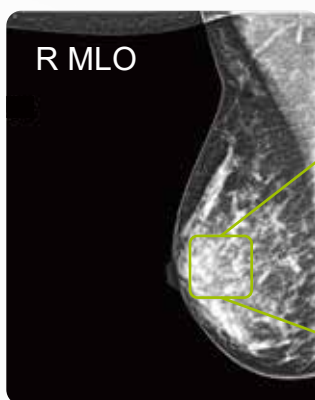
LCC



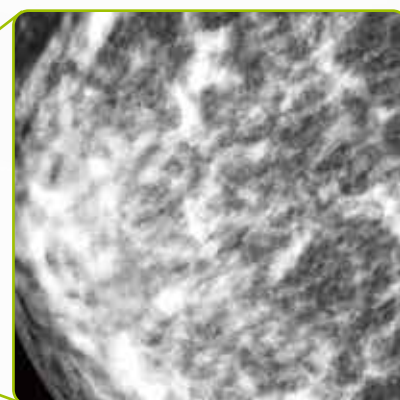
RCC



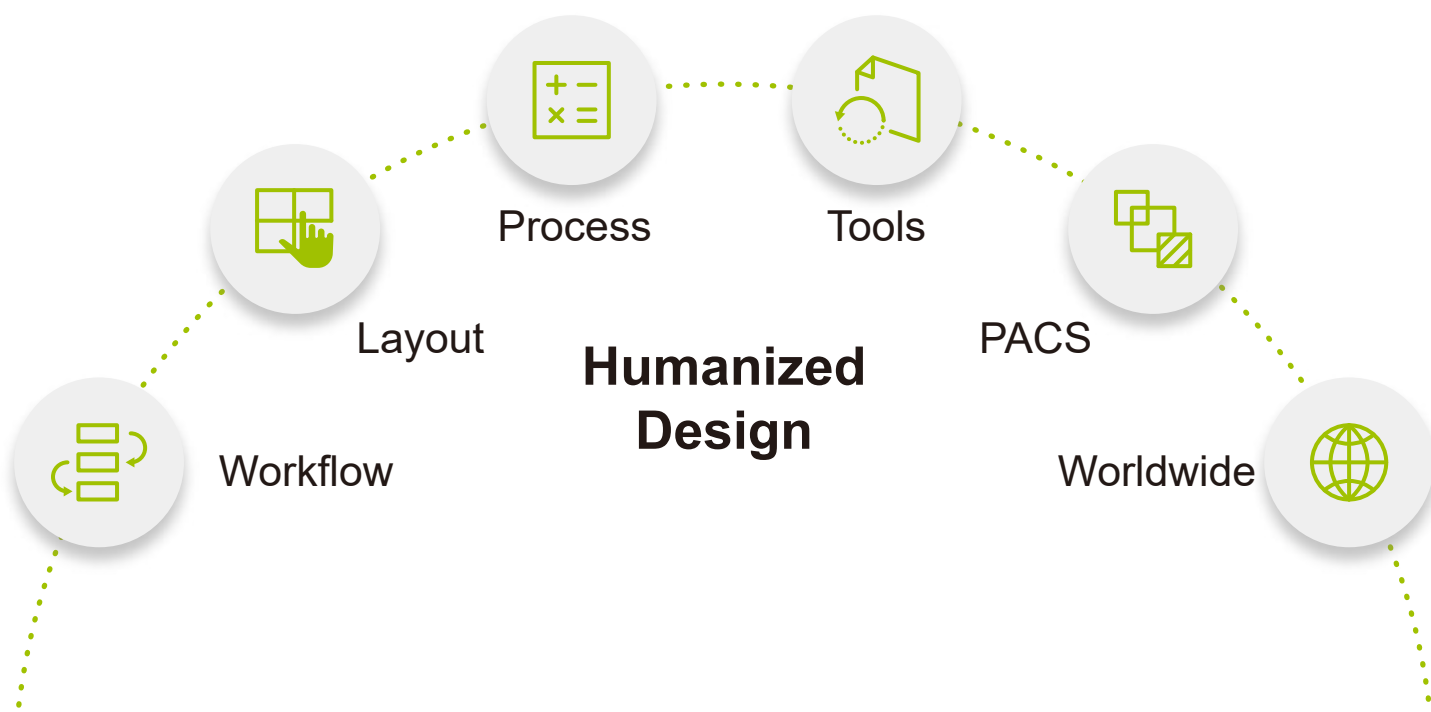
L MLO



R MLO

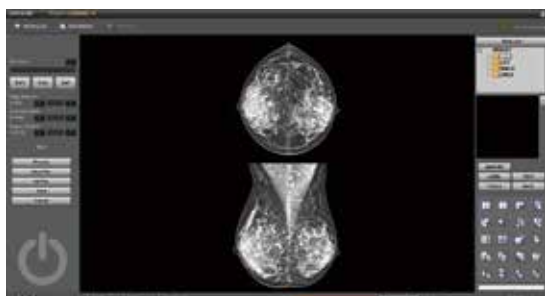


Software for Mammography

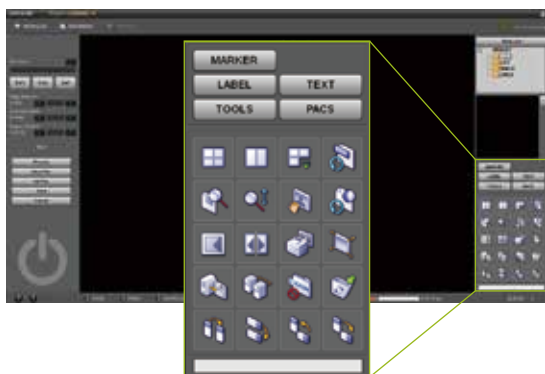




Simple workflow for convenient use



Customized layout easily to adjust



Powerful post-processing algorithm



Professional Tools such as, rotate, align mark help to review images



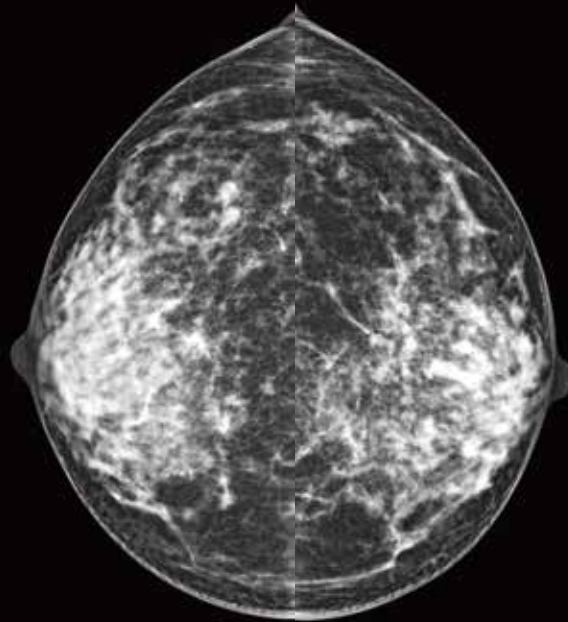
Optimization of Mammography PACS usability



Unicode framework to support multiple international languages



RCC



LCC

RMLO



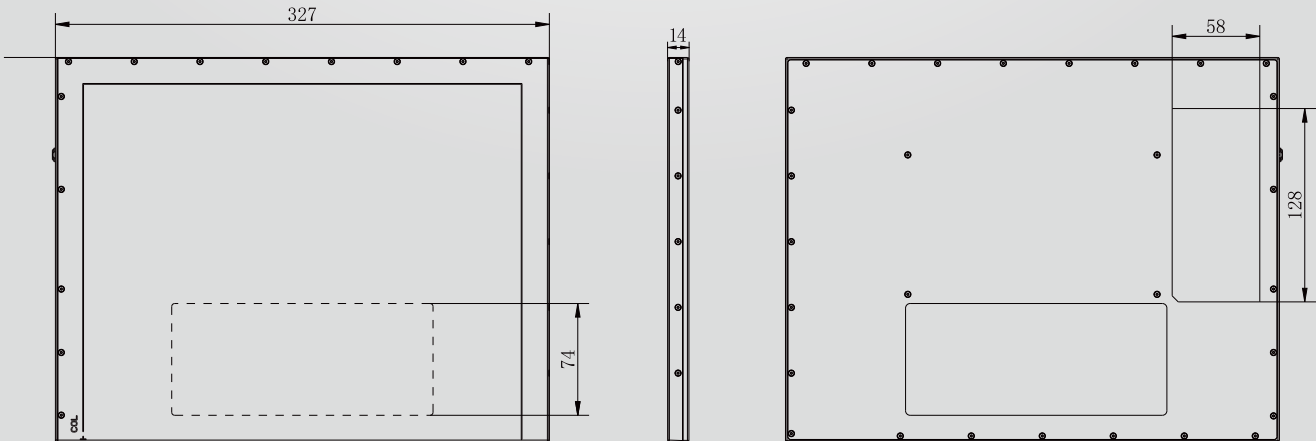
LMLO

Technical Specifications



Model	Mammo 1012C
Detector Technology	Amorphous Silicon
Scintillator	CsI
Active Area (inch)	10 × 12
Pixel Matrix	> 2762 × 3408
Pixel Pitch (μm)	85
Spatial Resolution (lp/mm)	6
Effective Active Area (mm)	> 235 × 290
AD Conversion (bit)	16
Dynamic Range (dB)	> 76
Chest Wall Distance (mm)	≤ 2.5
Data Interface	GigE
Trigger Mode	Software / AED
Dimensions (mm ³)	327 × 254.5 × 14
Weight (kg)	≤ 1.3
Power Dissipation (W)	≈ 18
Operating Temperature (°C)	10 ~ 40
Storage & Transport Temperature with Package (°C)	-10 ~ 55
Operating Humidity (% RH)	10 ~ 90 (Non-Condensing)
Storage & Transport Humidity with Package (% RH)	10 ~ 95 (Non-Condensing)

Dimensions (Unit: mm)





CHINA**iRay Technology Company Limited**

Building 45, No.1000, Jinhai Road,
Pudong New Area, Shanghai ,
China 201206
Tel : +86-21-5072 0560
Email: market@iraygroup.com

iRay Technology Taicang Ltd.

No.33, Xinggang Road, Taicang Port
Economic and Techn. Devel. Zone,
Taicang City, Jiangsu Province,
China 215400

KOREA**iRay Korea Limited**

1820, 18F, 5, Gasan digital
1-ro, Geumcheon-gu, Seoul,
Republic of Korea 08594
Tel: +82-2-6335-6333
Fax: +82-2-6335-6334
Email: market@iraykorea.com

EUROPE**iRay Europe GmbH**

In den Dorfriesen 14
71720 Oberstenfeld, Germany
Tel : +49-7062-977 8800
Fax: +49-7062-976 0571
Email: sales@irayeurope.com