

# RAYENCE X - R A Y + S C I E N C E

## Xmaru

# 1417PGA / PCA

14x17 Portable Sized Flat Panel Detector

**PIXEL PITCH:** 127  $\mu$ m

**RESOLUTION:** 3.9 lp/m

**PORTABLE FLAT PANEL - VERSATILITY**

**AUTO TRIGGERING - NO CABLES**

**IGB SPEED CONNECTION**  
(DATA OUTPUT: 4 SECS)

16.4 inch (417 mm)



18.1 inch (460 mm)

**Xmaru** 1417PGA / PCA  
ENVIRONMENTS

Imaging Centers

Orthopedics

Mobile

Veterinary

[www.rayenceusa.com](http://www.rayenceusa.com)

# Xmaru 1417PGA/PCA 14x17 Portable Sized Flat Panel Detector

The Rayence Xmaru 1417 Series is the latest in innovative cassette sized flat panel technology. The durable, ultra-thin, and light weight design makes it the most ideal 14"x17" flat panel detector. The 1417 Series is designed to be compatible with X-Ray systems that use ISO 4090-compliant 35 x 43 cm x-ray cassettes, which paves the way for seamless and hassle free upgrades for any x-ray application. Whether moving from film or CR to DR, upgrading existing technology or installing a new DR system, the Rayence Xmaru 1417 Series is an economical choice for superior image quality.



## Advanced Technology

A combination of propriety TFT glass paired with high quality scintillators deliver 127µm and 3.9lp/mm resolution. Through our Gigabit Ethernet interface, images can be viewed in as little as 2 seconds, which in turn decreases the length of exams while improving patient comfort. Without the requirement of a generator interface, installations take less than an hour. More importantly, the Xmaru 1417 Series delivers top level performance at an economical price point.

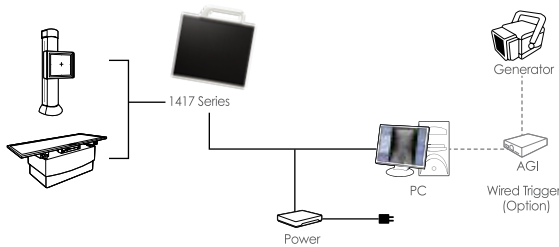
## Flexibility, Portability, & Versatility

The Xmaru 1417 Series provides the ultimate in adaptability to its environments. Whether it is being used on tabletop, in universal stands, tables, or upright buckys, the Xmaru 1417 Series can easily be retrofitted into a wide range of radiography systems. It uses auto-trigger signal sensing technology that does not require any integration into an x-ray generator. This advanced auto-triggering technology makes it an ideal solution for both fixed and mobile/portable x-ray applications.

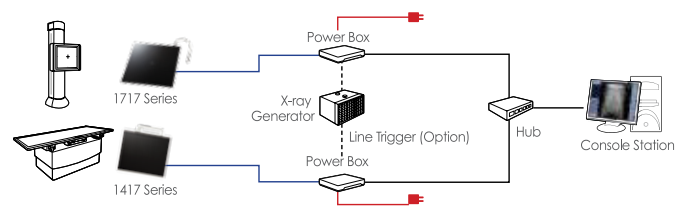
Specification	Xmaru1417PGA	Xmaru1417PCA
Detection Area:	14 x 17 in	14 x 17 in
Dimensions (W x L x H):	460 x 417 x 15.9 mm	460 x 417 x 15.9 mm
Active Area:	423 x 358 mm	423 x 358 mm
Sensor Type:	Amorphous Silicon with TFT	Amorphous Silicon with TFT
Scintillator:	Gadolinium Oxysulfide (Gadox)	Cesium-Iodide (Cesium)
Weight:	< 3.2 kg (7.05 lbs)	< 3.4 kg (7.49 lbs)
Active Pixel Number:	3268 x 2756 pixels	3268 x 2756 pixels
Pixel Pitch:	127 µm	127 µm
Limiting Resolution:	Max. 3.9 lp/mm	Max. 3.9 lp/mm
Energy Range:	40 - 150 kV	40 - 150 kV
A/D Conversion:	14 bits	14 bits
Data Acquisition Time:	< 4.0 sec	< 4.0 sec
Manufactured:	Rayence	Rayence

## DR Configuration

### Configuration 1



### Configuration 2



## Dealer Information:

DISTRIBUTED BY

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**Rayence**



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