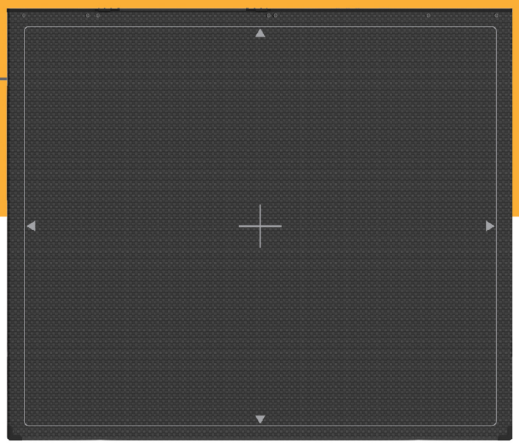
Xmaru 1417WGC/WCC

PROVIDING INCREASED WORKFLOW EFFICIENCY IN THE X-RAY ROOM AND BEYOND



The 1417WGC/WCC are unique wireless digital flat panel detectors that have been designed for a faster, more streamlined approach to digital radiography systems.

Weighing just 6.6 lbs. (3kg) with dimensions that meet ISO 4090 cassette size standards, the 1417WGC (Gadox) and 1417WCC (CsI) detectors are ideal for in-room and portable applications. Carbon-fiber, seamless unibody construction combined with a shock, vibration and scratch resistant composition makes them well-suited for the most demanding imaging environments.

The 1417WGC/WCC detectors utilize a combination of propriety TFT glass and high quality scintillators, which along with an impressive pixel pitch of 127 microns and 3.9 lp/mm of resolution, assures delivery of exceptionally sharp, high quality images.

The 1417WGC/WCC detectors contain a built-in Access Point (AP) enabling images to be directly sent to a Wi-Fi connected computer within seconds. Built-in image memory storage permits taking images where a computer connection is not available and also prevents lost images should there be an interruption of power. Whether an image was taken with the detector in the portrait or landscape position, the auto image rotation function allows images to be displayed in the correct orientation.

These features, coupled with an auto-trigger signal sensing technology that allows the detectors to be used without generator integration, makes the Rayence Xmaru 1417WGC/WCC the ideal flat panel detector solution for both fixed and portable applications.

FLEXIBILITY, PORTABILITY, AND VERSATILITY

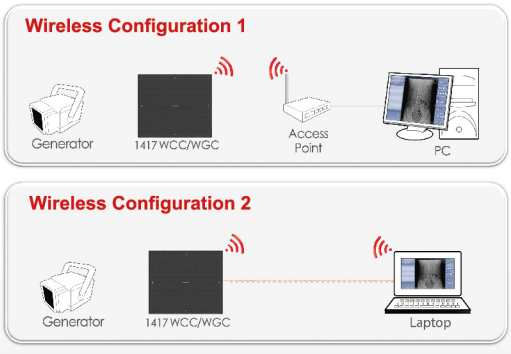
- *Durable Design*
- *Cassette Sized*
- *Built-in Image Storage*
- *Auto-trigger Technology*
- *Light Weight*
- *User Friendly*
- *Auto Image Rotation*
- *Superior Image Quality*

Battery

· Battery Type: Lithium Ion
· Charging Time: Typ. 3 hrs
· Operation Time: 4 hrs / 960 images (@cycle time = 15 sec.)

Specification	Xmaru1417WGC	Xmaru1417WCC
Detection Area:	14 x 17 in	14 x 17 in
Dimensions (W x L x H):	460 x 384 x 15.4 mm	460 x 384 x 15.4 mm
Active Area:	422.7 x 357.6 mm	422.7 x 357.6 mm
Sensor Type:	Amorphous Silicon with TFT	Amorphous Silicon with TFT
Scintillator:	Gadolinium Oxysulfide (Gadox)	Cesium-Iodide (Cesium)
Weight:	< 3 kg (6.6 lbs)	< 3.1 kg (6.8 lbs)
Active Pixel Number:	3268 × 2756 pixels	3268 × 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 or 16 bits	14 or 16 bits
Data Acquisition Time:	< 2.0 sec(wired) < 5.0 sec(wireless)	< 2.0 sec(wired) < 5.0 sec(wireless)
Manufactured by:	Rayence	Rayence

DR Configurations



Wireless Interface
IEEE 802.11n(2.4GHz/5GHz) Dual bandwidth

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