

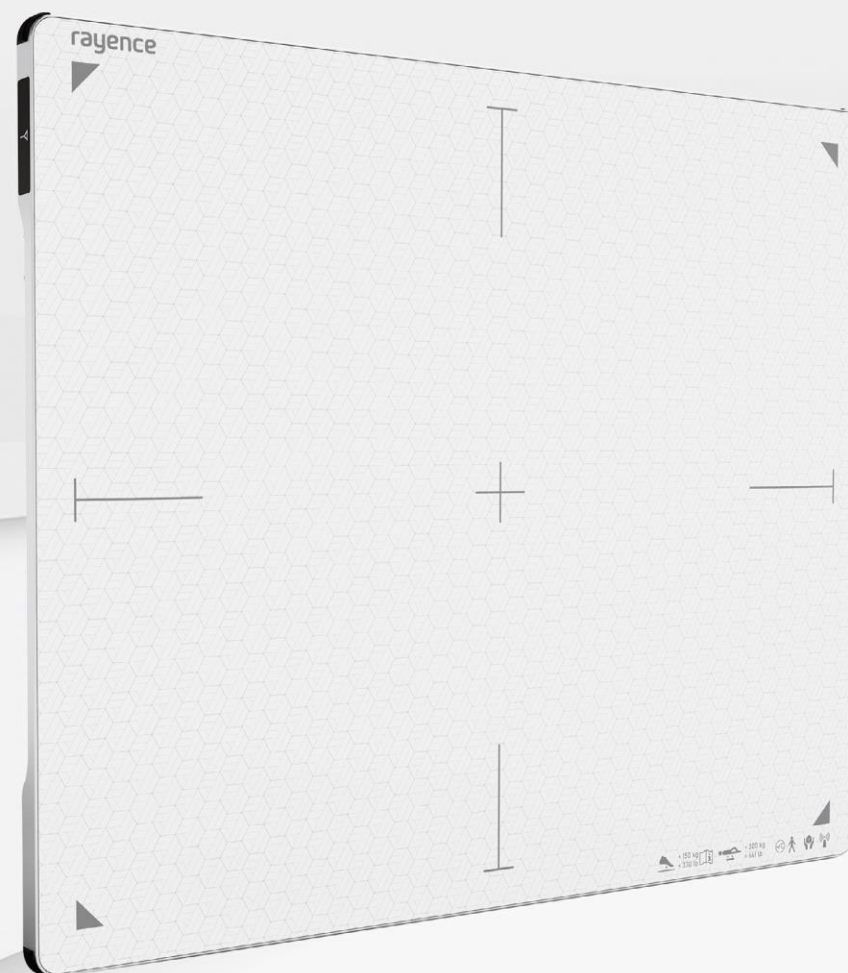
Brand New 1417

1417WCE | 1417WCE-HR | 1417WCE-HS | 1417WCE-GF

Newly developed wireless detector
Better than meets the before



It's our new sight to the next in the x-ray imaging solution



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www.rayence.com

Upgrade Your Expectations

The Wireless Detector is Changing.

X-ray static imaging is raising a high specification with pixel pitch affecting a resolution. As the detector's performance gradually leveled up, Rayence listened to the voices of the medical staff working on the field, further.

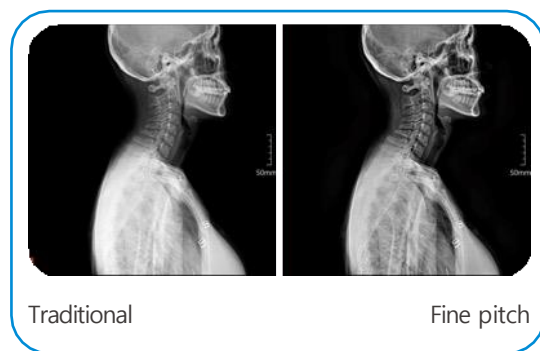
Brand New 1417 series is the most appropriate medical environment in radiography. It is designed to improve product efficiency and easy to take a x-ray. Also, Rayence launched the Brand New 1417 series provides various option by application. Depending on your needs, you can choose detectors.



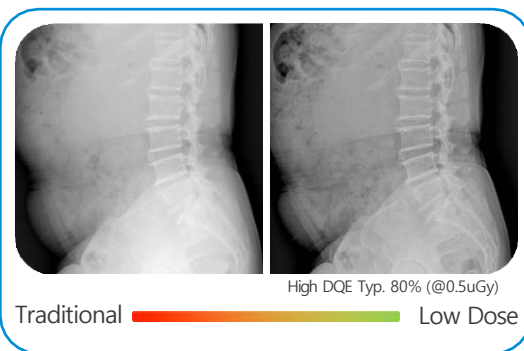
+ New Generation of Imagemakers

Brand New 1417 series deliver diagnostic quality images you can trust. By developing the CsI technology, you can acquire images of high DQE even at lower dose. Brand New 1417 series enables clinicians to see more detail. With expanded fine pitch, sharp image can also be captured at low doses.

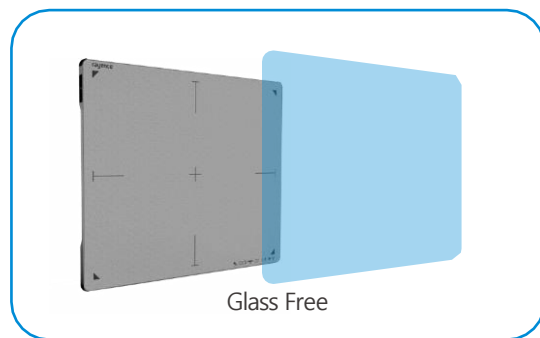
Better Pitch



Less dose (30% Reduction)



Better flexible panel



+ Brand New 1417 series

Capture consistently exceptional diagnostic images with improved contrast between various radiodensities, across a broader spectrum of radiation levels. In this high efficiency x-ray detector, the RX has excellent reliability with drop tested up to 1.5m.

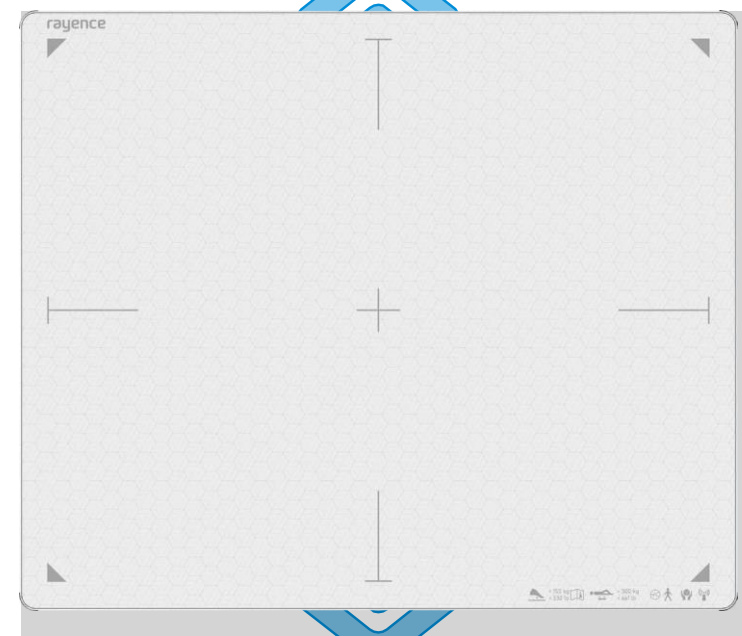
+ Providing patient through in your hospital and beyond

100 μ m
Best-in-class Fine pitch

16hr
Long-lasting time

1.5m
Drop tested

Better



Less

30%
Less Dose Better Detail

2.6kg
Light-weight

* Specifications vary by model
* The product specification and design may be developed without further notice

+ High Resolution

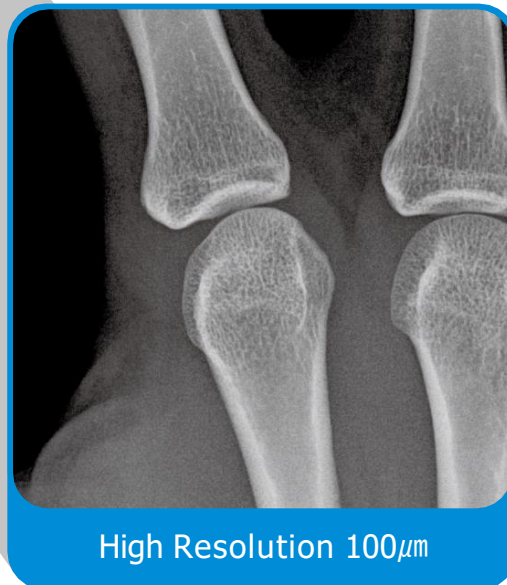
When you diagnose details such as fractures, you need a high-resolution image consisting of small pixels. Brand New 1417 series also provide high-quality diagnostic images by fine pixel pitch 100 μ m



Condition : 50kVp, 2mAs



Traditional Resolution 140 μ m

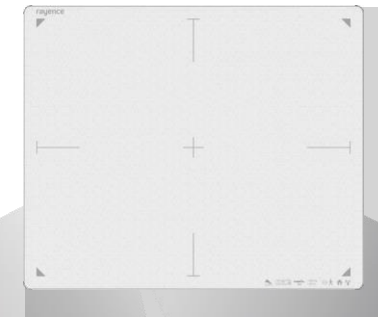


High Resolution 100 μ m

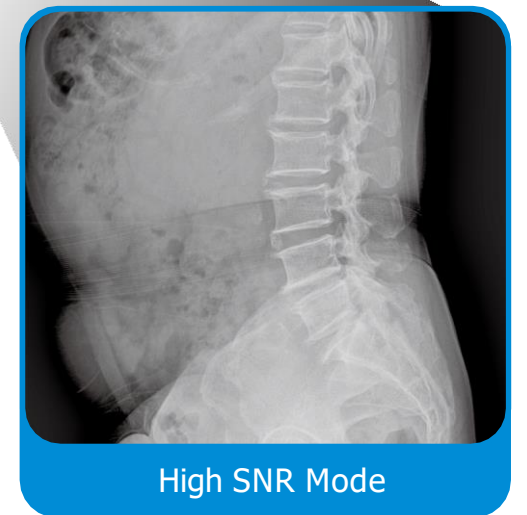
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+ Virtual Pixel

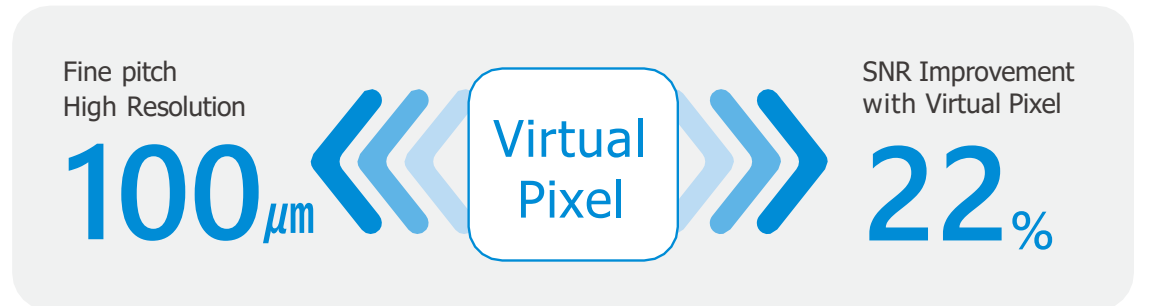
Acquired x-ray image by fine pitch detector enables to improve the SNR higher than original image. Use 2 type pixel mode at the same time when you make a diagnosis. High Resolution or High SNR? Whatever you want.



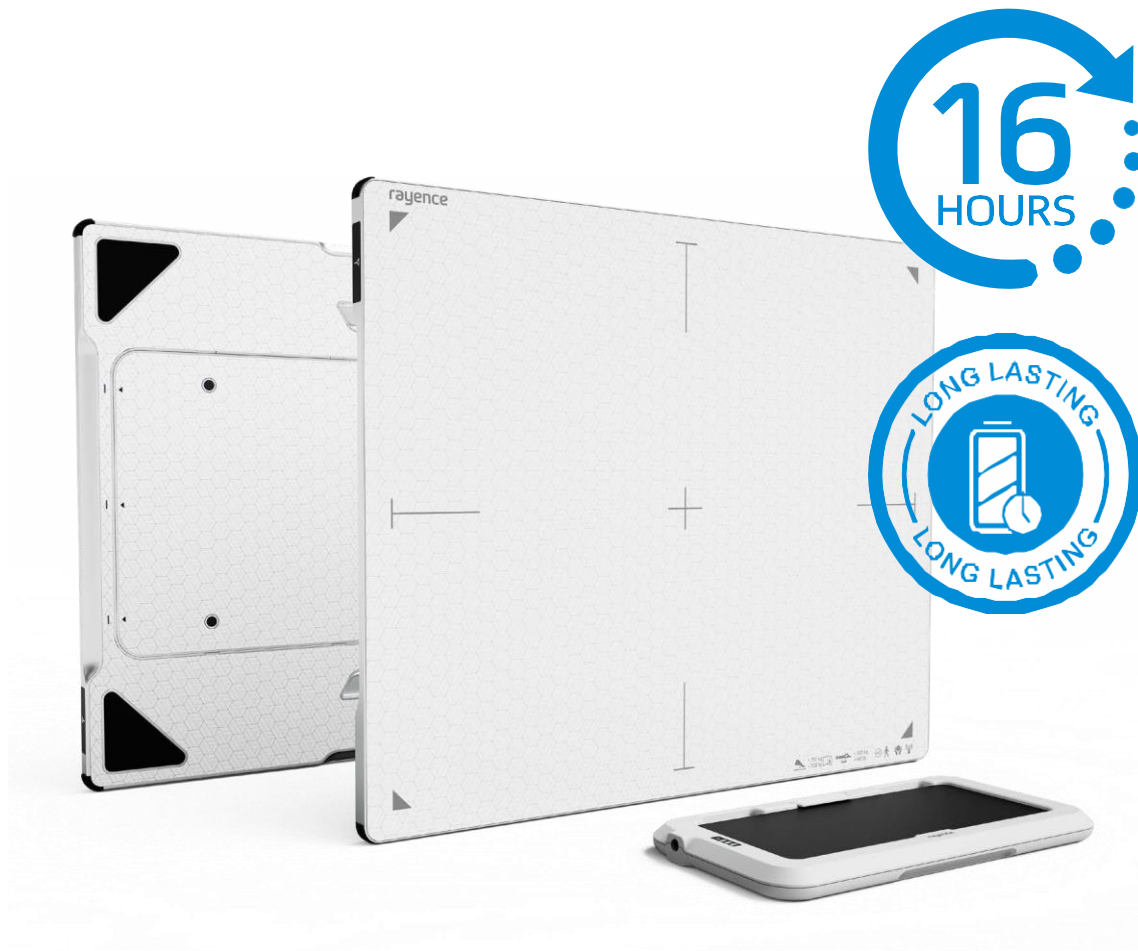
High Resolution Mode



High SNR Mode



+ Long Lasting Battery



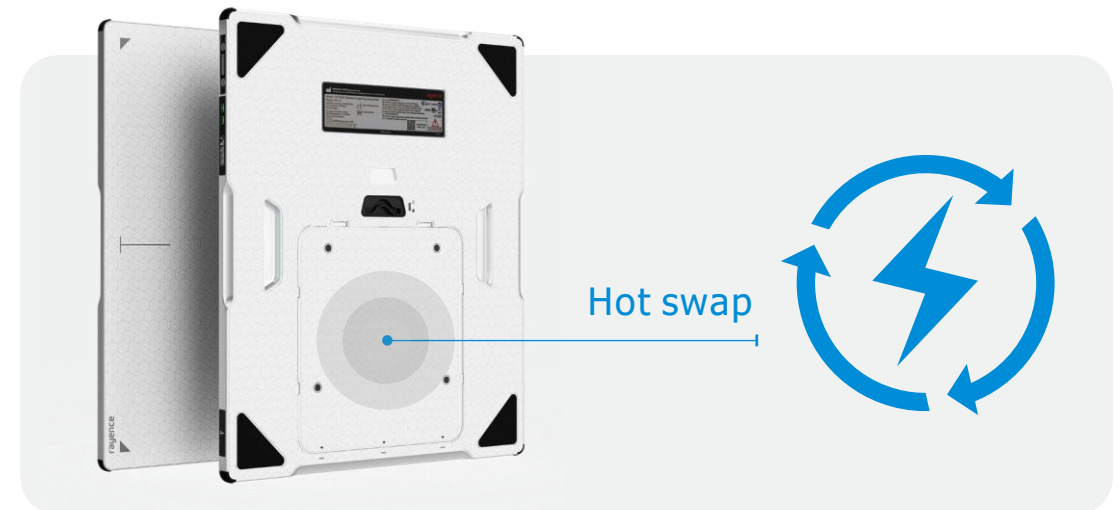
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+ One-day work available with Battery Full Charging

We supports medical environment. Especially, a battery operating time increases up to 16 hours. In the past, diagnosis would have been suspended due to frequent battery charging. But now, you can take care patients without changing a battery. Radiologist's workflow is convenient more than before.

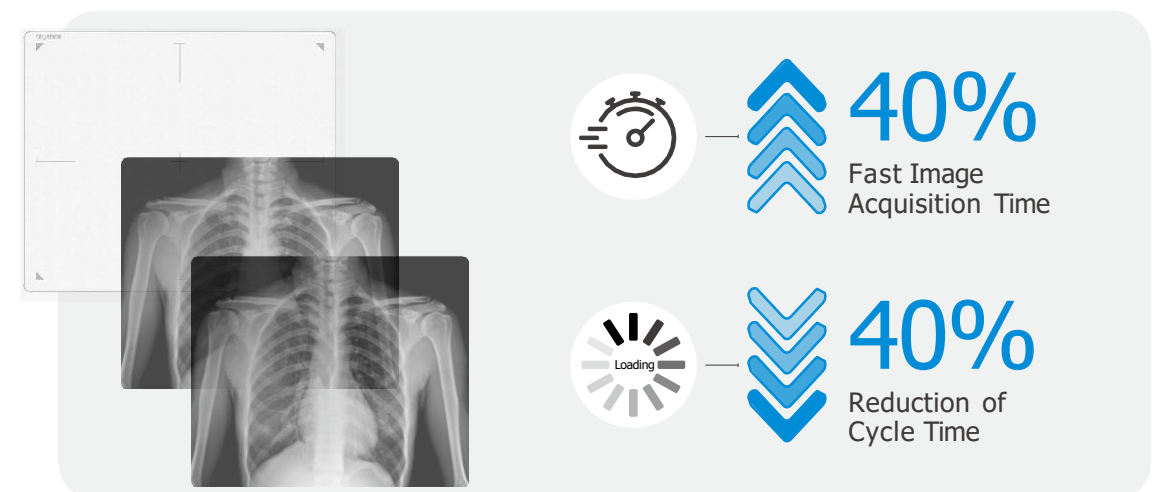
+ Booting Time Save

X-ray image quality is stable, because it's available to take an x-ray when changing a battery. Possible to acquire the high-quality images without warm-up time when battery is replaced.



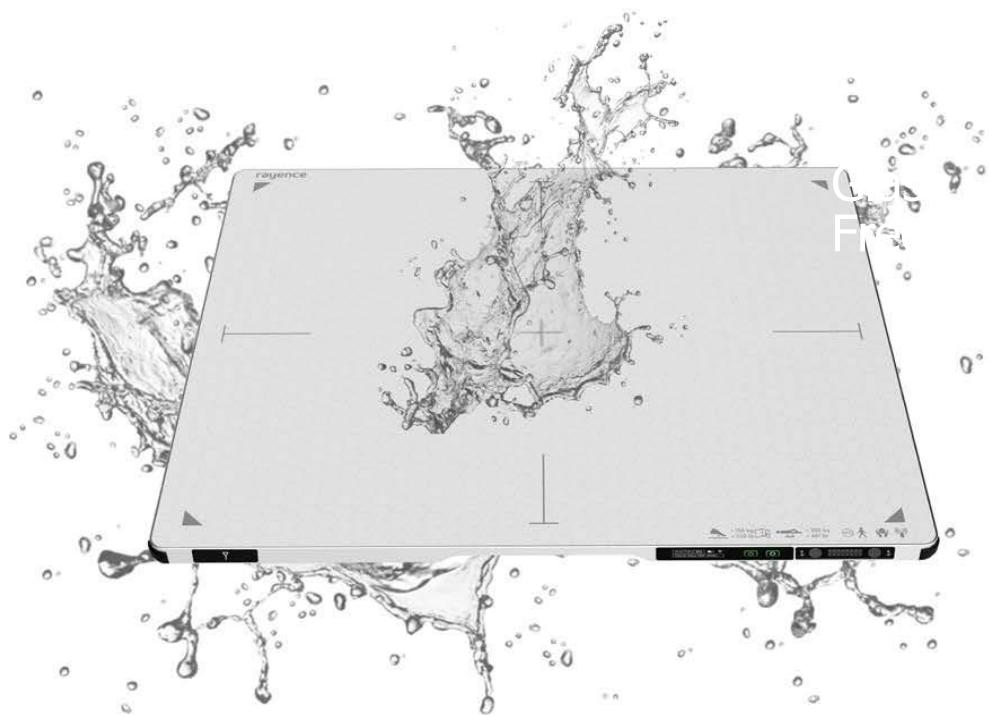
+ Efficient Workflow

Advanced function considering medical environments will bring you many benefits. Calm your worries and simply focus on your practice! User can take 100 μ m image within 3sec.



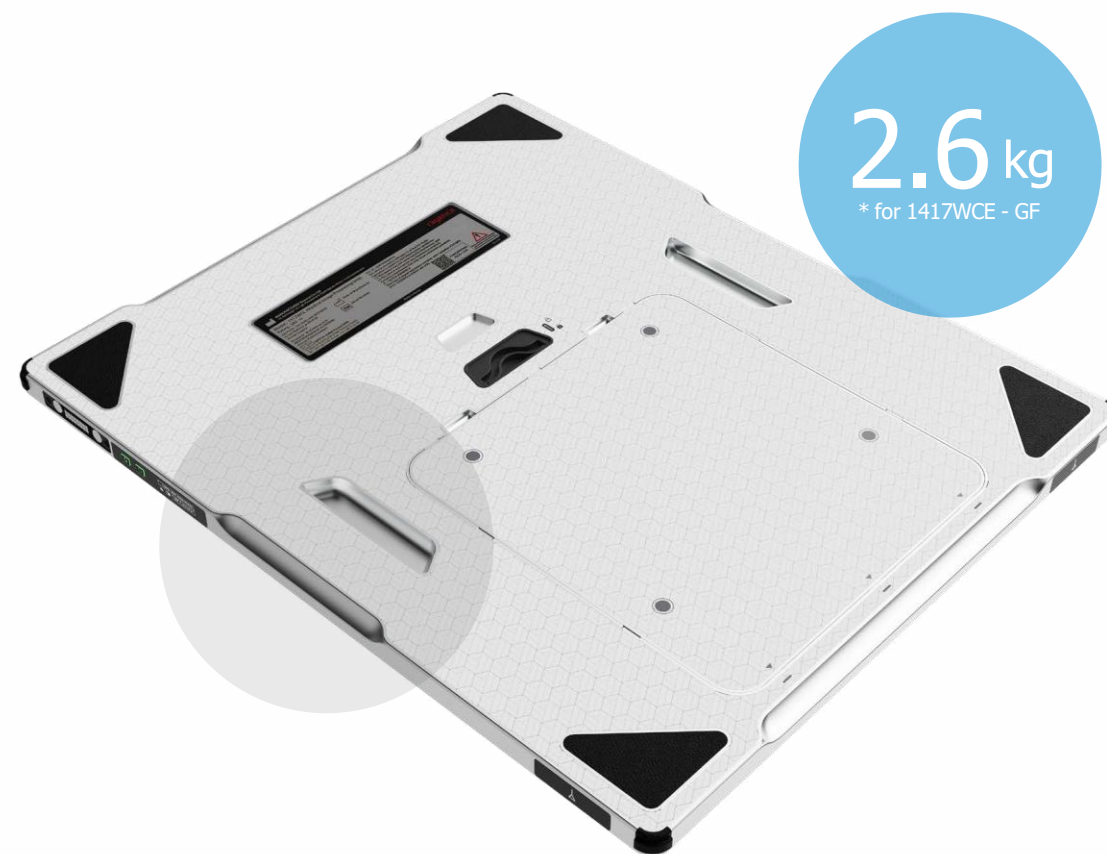
+ IP 67 for Water & Dust proof

Brand New 1417 series is water resistant to most typical water spills in a hospital as well as in outdoor applications. Enhanced resistance to prevent the penetration of liquids. And designed to protect from dust and contamination



+ Anywhere, Anytime Ideal Light & Comfort

Rayence x-ray imaging detector gives first look at lightweight Brand New 1417 series with inventive ergonomic design. Based on customer feedback the rayence's engineer team also created a more secure grip for users with the built-in handle. Ergonomically designed, the handle and side easy grip enables the clinician with the flexibility needed to effortlessly integrated the Brand New 1417 series into their daily workflow.



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Brand New 1417 series | Optimized Choice by Application

+ The more you know about the Brand New 1417 series, the more there is to love. Use the chart below to compare models and choose the one that's right for you.

rayence	1417WCE	1417WCE - HS	1417WCE - HR	1417WCE - GF
Sensor type	a-Si TFT	a-Si TFT	a-Si TFT	Glass Free TFT
Scintillator	CsI			CsI
Pixel Pitch	140µm		100µm	100µm
Pixel Matrix	2,500 x 3,052 mm		3,534 x 4,302 mm	3,534 x 4,302 mm
Active Area	350.0 X 427.3 mm	350.0 X 427.3 mm	353.4 x 430.2 mm	353.4 x 430.2 mm
Energy Range	40 ~150 kVp			
Battery Operating Time	Max. 16 hrs			
Water and Dust Resistant	IP67			
MTF (@1lp/mm)	Typ. 57	Typ. 53	Typ. 62	Typ. 62
DqE (@0.1lp/mm)	Typ. 65	Typ. 75	Typ. 65	Typ. 65
Acquisition time	<3sec	<3sec	<3sec	<3sec
Cycle time (@AED mode)	<5sec	<5sec	<5sec	<5sec
Dimension	384 x 460 x 15 mm			
Weight	2.8 kg			2.6 kg

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1417WCE - HS • High DQE Type. 80% even at low dose of 0.5uGy

1417WCE - HR • High Resolution Image with Fine pitch

1417WCE - GF • Tough & Mobile Environment

Global Network



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