



RFA-1717S

**Wide and Slim Flat Panel Detector
for Digital Radiography**



**Stable and Reliable
AED**



**Easy Installation
(cassette size)**



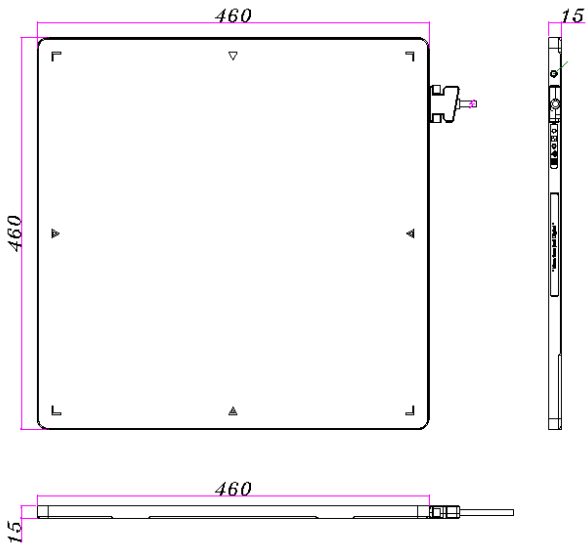
**High Image Quality
(IGZO TFT)**



Efficient Workflow

RFA-1717S

Wide and Slim Flat Panel Detector for General Radiography



Features

- ◆ Large Format(17x17) IGZO TFT Panel
- ◆ Static for General Radiography
- ◆ Reliable AED function
- ◆ Meeting ISO4090 cassette size(460x460x15mm)

Specification		RFA-1717SG	RFA-1717SC
Scintillator		Gd ₂ O ₂ S:Tb	CsI:TI (Direct)
Sensor	Pixel size	140um, IGZO TFT switch and a-si Photodiode	
	Pixel Matrix	3072 x 3072	
	Effective Area	430.08 x 430.08 mm	426.44 x 426.72
	Effective Array	3072 x 3072	3046 x 3048
Image performance	Spatial Resolution	3.4 lp/mm	
	ADC Resolution	16 bits	
	x-ray voltage Range	40 ~ 150 Kvp	
	X-ray Generator Interface	Line Trigger(Manual)/ Auto Trigger(AED Mode)	
Mechanical	Shot Mode	Single / Multi	
	Weight	Gd ₂ O ₂ S:Tb / 3.40 Kg	CsI :TI / 3.50 kg
	Dimensions	Meet ISO4090 cassette size(460x460x15mm)	
Communications	Wired	Giga Ethernet (1000BaseT)	
	Sync. Out Port	2 port / TTL(0~5.0V)	

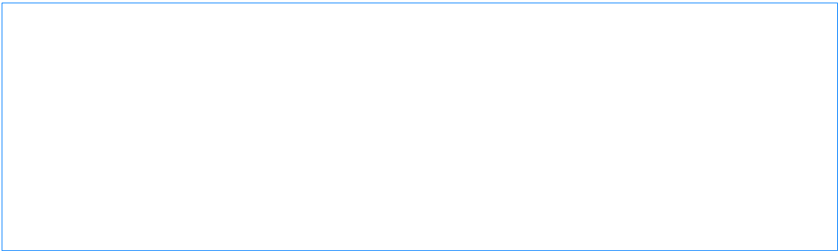
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RFA-1717DI

**Wide and Slim Dynamic Panel Detector
for Radiography and Fluoroscopy**



**Stable and Reliable
AED**



**Easy Installation
(cassette size)**



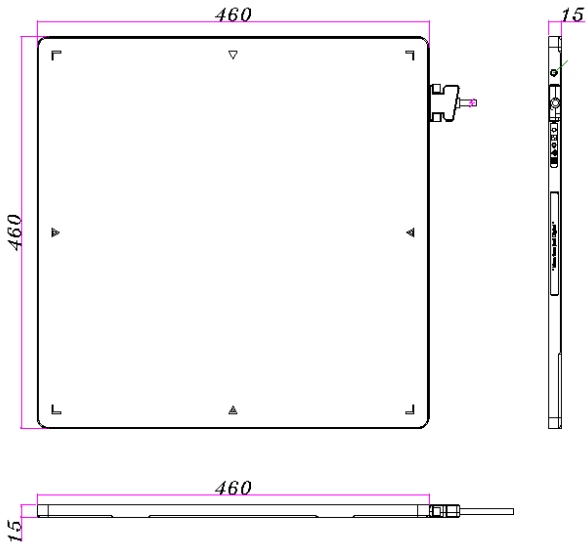
**High Image Quality
(IGZO TFT)**



Efficient Workflow

RFA-1717DI

Wide and Slim Dynamic Flat Panel Detector for Radiography and Fluoroscopy



Features

- ◆ Large Format(17x17) IGZO TFT Panel
- ◆ Static & Dynamic for Radiography & Fluoroscopy
- ◆ High Frame Rate for Fluoroscopy, 30fps @ 1536x1536 with 3 x ROI
- ◆ Reliable AED function
- ◆ Meeting ISO4090 cassette size(460x460x15mm)

Specification		RFA-1717DIG	RFA-1717DIC
Scintillator		GD ₂ O ₂ S:Tb	CsI:TI (Direct)
Sensor	Pixel size	140um, IGZO TFT switch and a-si Photodiode	
	Pixel Matrix	3072 x 3072	
	Effective Area	430.08 x 430.08 mm	426.44 x 426.72
	Effective Array	3072 x 3072	3046 x 3048
Image performance	Spatial Resolution	3.4 lp/mm	
	ADC Resolution	16 bits	
	x-ray voltage Range	40 ~ 150 Kvp	
	X-ray Generator	Line Trigger(Manual)/ Auto Trigger(AED Mode)	
Mechanical	Shot Mode	Continuous/Pulsed	
	Weight	GD ₂ O ₂ S:Tb / 3.4 Kg	CsI / 3.5 kg
	Dimensions	Meet ISO4090 cassette size(460x460x15mm)	
		11 fps @ 1x1 (3072 x 3072)	@10ms Pulse
Maximum Frame Rate		16 fps @ 1x1 (2048 x 3072)	@10ms Pulse
		22 fps @ 1x1 (2048 x 2048)	@10ms Pulse
		36 fps @ 2x2 (1536 x 1024)	@10ms Pulse
		30 fps @ 2x2 (1536 x 1536)	@10ms Pulse
		50 fps @ 4x4 (768 x 768)	@10ms Pulse
Communications		84 fps @ 4x4 (768 x 128)	@10ms Pulse
	Wired	Giga Ethernet (1000BaseT)	
	Sync. Out Port	2 port / TTL(0~5.0V)	

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DRA-1417S

**Flat Panel Detector
for Digital Radiography**



**Stable and Reliable
AED**



**Easy Installation
(cassette size)**



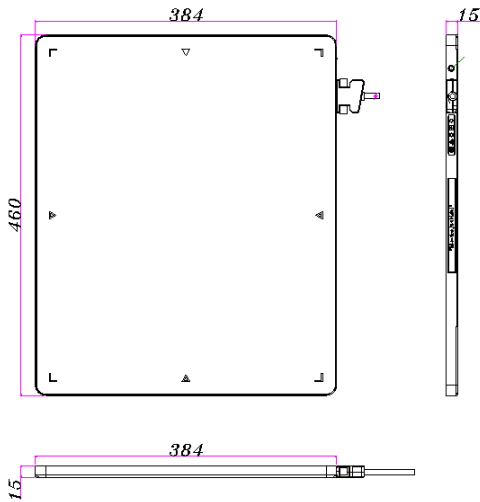
**High Image Quality
(a-Si TFT)**



Efficient Workflow

DRA-1417S

Reliable Flat Panel Detector for Digital Radiography



Features

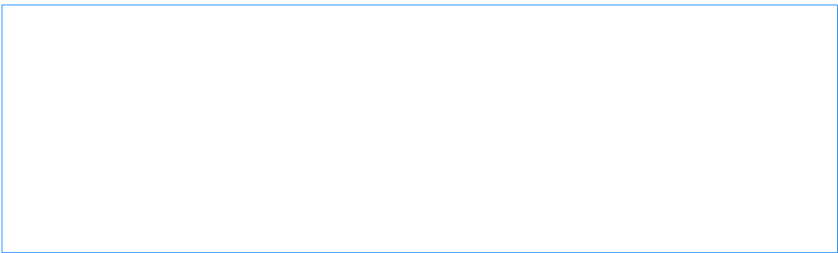
- ◆ 14x17 a-Si TFT Panel
- ◆ Static for General Radiography
- ◆ Reliable AED function
- ◆ Slim and Light Design
- ◆ Meeting ISO4090 cassette size(460x460x15mm)

Specification		DRA-1417SG	DRA-1417SC
Scintillator		GD ₂ O ₂ S:Tb	CsI:Tl (Direct)
Sensor	Pixel size	140um, a-Si TFT and a-si Photodiode	
	Pixel Matrix	2500x 3052	
	Effective Area	347.8x 425.04mm	
	Effective Array	2484 x 3036	
Image performance	Spatial Resolution	3.4 lp/mm	3.4 lp/mm
	ADC Resolution	16 bits	
	Grayscale	65536 grayscales	
	x-ray voltage Range	40 ~ 150 Kvp	
	X-ray Generator Interface	Line Trigger(Manual)/ Auto Trigger(AED Mode)	
Mechanical	Shot Mode	Single / Multi	
	Weight	GD ₂ O ₂ S:Tb / 3.0 Kg	CsI / 3.2 kg
	Dimensions	Meet ISO4090 for cassette size (384x460x15 mm)	
	Wired	Giga Ethernet (1000BaseT)	
Communications	Sync. Out Port	2 port / TTL(0~5.0V)	



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DRA-1417M

**Wireless Flat Panel Detector
for Digital Radiography**



**Stable and Reliable
AED**



**Easy Installation
(cassette size)**



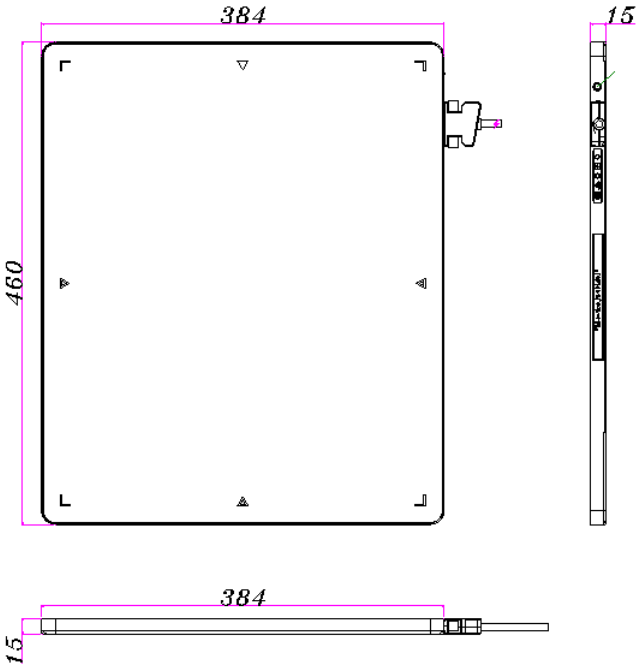
**High Image Quality
(a-Si TFT)**



Efficient Workflow

DRA-1417M

Wireless Flat Panel Detector for Digital Radiography



Features

- ◆ 14x17 a-Si TFT Panel
- ◆ Static for General Radiography
- ◆ Reliable AED function
- ◆ Slim and Light Design
- ◆ Meeting ISO4090 cassette size(460x460x15mm)

Specification		DRA-1417MG	DRA-1417MC
Scintillator		GD ₂ O ₂ S:Tb	CsI:Tl (Direct)
Sensor	Pixel size	140um, a-Si TFT and a-si Photodiode	
	Pixel Matrix	2500x 3052	
	Effective Area	347.8x 425.04mm	
	Effective Array	2484 x 3036	
Image performance	Spatial Resolution	3.4 lp/mm	3.4 lp/mm
	ADC Resolution	16 bits	
	Grayscale	65536 grayscales	
	x-ray voltage Range	40 ~ 150 Kvp	
	X-ray Generator Interface	Line Trigger(Manual)/ Auto Trigger(AED Mode)	
	Shot Mode	Single / Multi	
Mechanical	Weight	GD ₂ O ₂ S:Tb / 3.0 Kg	CsI / 3.2 kg
	Dimensions	Meet ISO4090 for cassette size (384x460x15mm)	
Communication	Wired	Giga Ethernet (1000BaseT)	
	Wireless	IEEE802.11an / 2.4 or 5Gbps / 2 Antennas / AP Mode	
		Acquisition Time: Under 4 Sec.	
	Sync. Out Port	2 port / TTL(0~5.0V)	
	Operation Software (Console S/W)	Windows 7/8/10: Support for 32/64bits Windows	
Power/ Environment	Wired	DC +15V	
	Wireless	Max. 1 Pack(Battery / 11.8V / 4 hours	
	Environment	T(10~+40) / H(20 ~ 75%) / P(70~160KPa)	

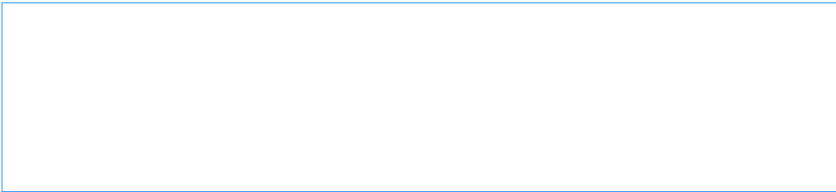
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DRA-1012S, Mammo

Preliminary

**Wireless Flat Panel Detector
for Digital Radiography**



**Stable and Reliable
AED**



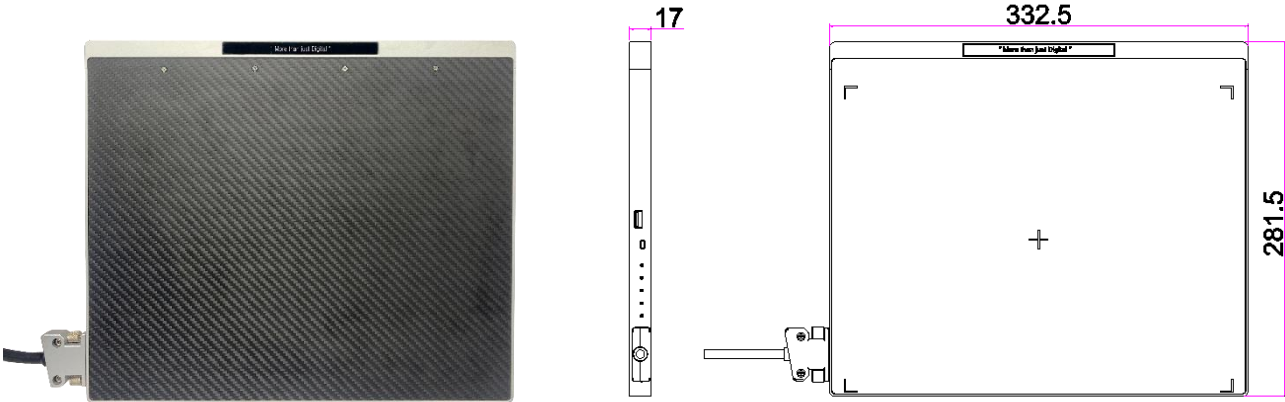
**Easy Installation
(cassette size)**



**High Image Quality
(a-Si TFT)**



Efficient Workflow



Features

- ◆ 10x12 a-Si TFT Panel
- ◆ Static for General Radiography & Mammography
- ◆ Slim and Light Design
- ◆ Dimensions : 281.5 x 332.5 x 17 mm



Specification		DRA-1012SC
Scintillator		CsI:TI (Direct)
Sensor	Pixel size	85um, a-Si TFT and a-si Photodiode
	Pixel Matrix	2,816 x 3,584
	Effective Area	239.36 x 304.64mm
	Effective Array	2,816 x 3,584
Image performance	Spatial Resolution	5.9 lp/mm
	ADC Resolution	16 bits
	Grayscale	65536 grayscales
	x-ray voltage Range	20 ~ 150 Kvp
Mechanical	X-ray Generator Interface	Line Trigger(Manual)/
	Shot Mode	Single / Multi
	Weight	1.89 kg
	Dimensions	281.5 x 332.5 x 17mm
Communications	Wired	Giga Ethernet (1000BaseT)
	Sync. Out Port	2 port / TTL(0~5.0V)

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