



High Performance Dynamic Panel Detector for Radiography and Fluoroscopy!

Model & Parameters		RFA-1717DIG	RFA-1717DIC
Scintillator		GD ₂ O ₂ S:Tb	CsI:Tl (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	
	Grayscale	65536 grayscales	
	x-ray voltage Range	40 ~ 150 Kvp	
	X-ray Generator	Line Trigger(Manual)/ Auto Trigger(AED Mode)	
	Shot Mode	Continuous/Pulsed	
Mechanical	Weight	GD ₂ O ₂ S:Tb / 3.4 Kg	CsI / 3.5 kg
	Dimensions	Meet ISO4090 cassette size(460x460x15mm)	
Maximum Frame Rate		11 fps @ 1x1 (3072 x 3072)	@10ms Pulse
		30 fps @ 2x2 (1536 x 1536)	@10ms Pulse
		16 fps @ 1x1 (2048 x 3072) FOV-1	@10ms Pulse
		22 fps @ 1x1 (2048 x 2048) FOV-2	@10ms Pulse
		36 fps @ 1x1 (1024 x 1024) FOV-3	@10ms Pulse
Communications	Wired	Giga Ethernet (1000BaseT)	
	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	
	Environment	T(10~+40)/H(20 ~ 75%)/P(70~106KPa)	