



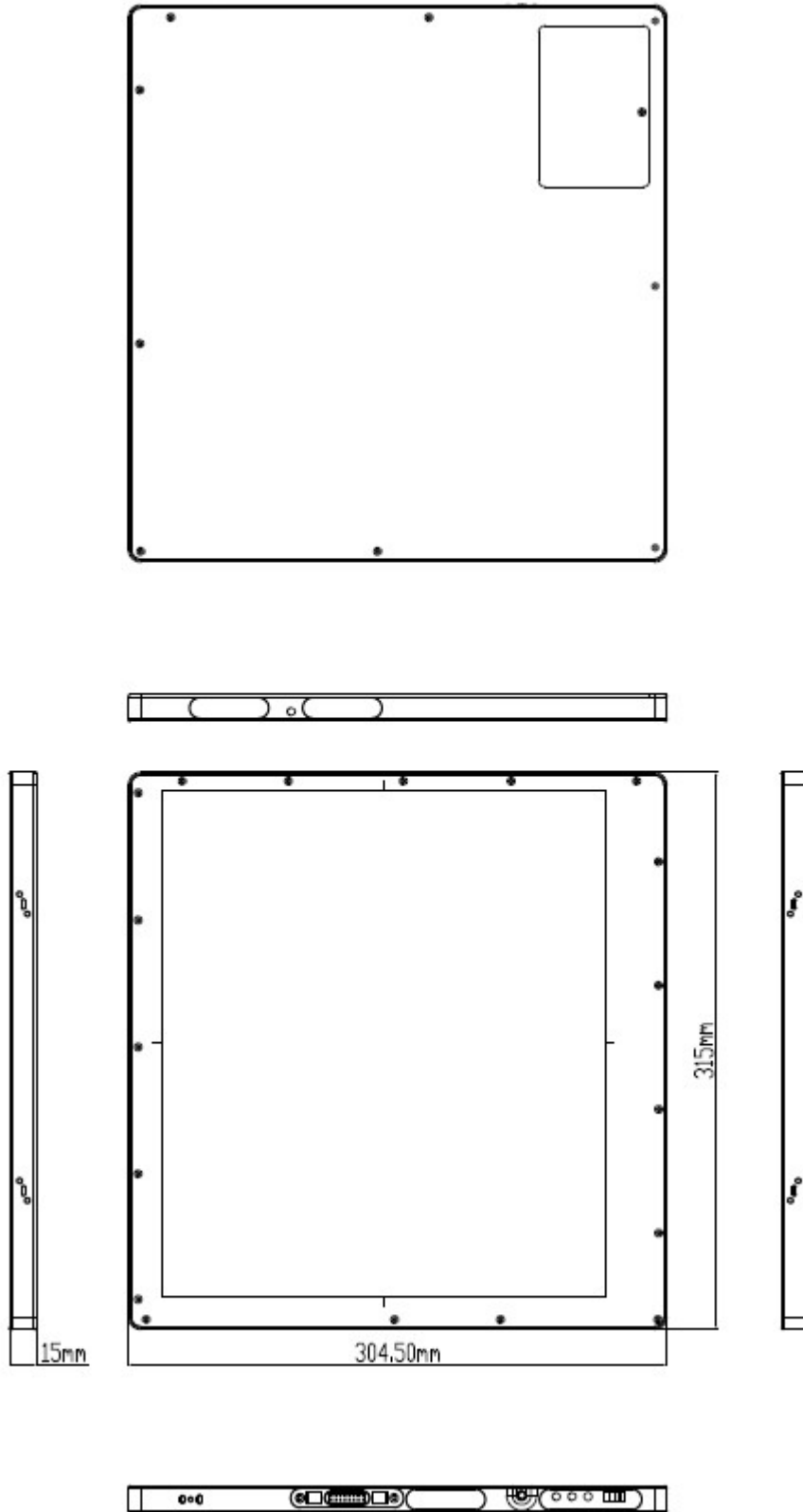
2925A Specification

2925A is a high performance, cassette-sized flat panel detector. Battery stands by for at least 4 hours. Unique wireless communication protocol ensures fast and reliable transmission of a full resolution image within as short as 2.5 seconds, and no more than 5 seconds even in the worst environment. The detector acquires outstanding images with high DQE and high resolution. Equipped with highly sensitive and false proof AED function, the detector can be easily connected to and synchronized with any kind of generators.

Description	GOS	CsI
Detector Technology	a-Si	a-Si
Scintillator	GOS	CsI
Image Size	250.88×286.72 mm	250.88×286.72 mm
Pixels Matrix	2048×1792	2048×1792
Pixel Pitch	140μm	140μm
A/D Conversion	16 bits	16 bits
Minimum Detectable Dose(RQA5)	20nGy	14nGy
Sensitivity (LSB/μGy, RQA5)	375/395/415	525/553/581
Maximum Linear Dose (RQA5)	150μGy	110μGy
MTF @ 1.0 LP/mm	0.51/0.56/-	0.60/0.65/-
MTF @ 2.0 LP/mm	0.22/0.24/-	0.30/0.33/-
MTF @ 3.0 LP/mm	0.09/0.11/-	0.15/0.18/-
DQE @ 0.0 LP/mm (2.5μGy,RQA5)	0.48/0.50/ -	0.62/0.66/-
DQE @ 1.0 LP/mm (2.5μGy,RQA5)	0.30/0.32/ -	0.43/0.45/-
DQE@ 2.0 LP/mm (2.5μGy,RQA5)	0.14/0.15/-	0.30/0.32/-
DQE @ 3.0 LP/mm (2.5μGy,RQA5)	0.04/0.05/-	0.13/0.15/-
Ghost (% , 300μGy, 60s)	<0.25	<0.25
Spatial Resolution	3.6 LP/mm	3.6 LP/mm
Image Acquisition Time (Wired/Wireless)	1s / 1~2s	1s / 1~2s
X-ray Voltage Range	40-150 KV	40-150 KV
Battery standby time	4H	4H
Data Interface	GigE/802.11n,ac	GigE/802.11n,ac
Power Dissipation	20 W	20 W
Adapter Input	AC 100-240V,50-60Hz	AC 100-240V,50-60Hz
Adapter Output	DC 24V,60W	DC 24V,60W
Dimensions (Wireless/ Wired)	315×304.5×15mm 315×278×15mm	315×304.5×15cm 315×278×15mm
Detector Weight (Wireless with Batteries/Wired)	2.1kg / 1.6kg	2.1kg / 1.6kg
Detector Housing Material	Carbon,Alloy	Carbon,Alloy
Water tightness	IPX3	IPX3
Operating Environment	5-35°C,10-75% RH	5-35°C,10-75% RH



Wireless FPD SIZE





Wired FPD SIZE

