



DR Flat Panel Detectors Technical Characteristics

<u>Specifications</u>	<u>750CW</u>	<u>1500CW</u>	<u>1500L</u>	<u>1800CW</u>	<u>1800L</u>
Sensor					
<u>Scintillator</u>	Direct Deposit CsI:TI	Direct Deposit CsI:TI	Direct Deposit CsI:TI	Direct Deposit CsI:TI	Direct Deposit CsI:TI
<u>Active Area</u>	307,2 x 244,32mm	433,7 x 354,8mm	433,7 x 354,8mm	433,5 x 433,5mm	434 x 434mm
<u>Pixel Array</u>	2560 x 2048	2816 x 2304	2816 x 2304	2816 x 2304	2816 x 2816
<u>Pixel Pitch</u>	120µm	154µm	154µm	154µm	154µm
Image Quality					
<u>Limiting Resolution</u>	4,16lp/mm	3,25lp/mm	3,25lp/mm	3,25lp/mm	3,25lp/mm
<u>MTF</u>	70%@1lp/mm	70%@1lp/mm	70%@1lp/mm	70%@1lp/mm	70%@1lp/mm
	40%@2lp/mm	40%@2lp/mm	40%@2lp/mm	40%@2lp/mm	40%@2lp/mm
	25%@3lp/mm	22%@3lp/mm			

	15%@4lp/mm		22%@3lp/mm	22%@3lp/mm	22%@3lp/mm
<u>DQE</u>	RQA5,14μGy 70%@0lp/mm 40%@3lp/mm	RQA5,27μGy 65%@0lp/mm 20%@3lp/mm	RQA5,27μGy 65%@0lp/mm 20%@3lp/mm	RQA5 65%@0lp/mm 33%@3lp/mm	RQA5,27μGy 65%@0lp/mm 20%@3lp/mm
<u>A/D Conversion</u>	16 bits	16 bits	16 bits	16 bits	16 bits
Communication					
<u>Communication Interface</u>	Gigabit Ethernet 2,4G/5GHz300 Mbps	Gigabit Ethernet 2,4G/5GHz300 Mbps	Gigabit Ethernet 2,4G/5GHz300 Mbps	Gigabit Ethernet 2,4G/5GHz300 Mbps	Gigabit Ethernet
<u>Image Acquisition Time</u>	2-3 Sec	2-3 Sec(Wired) 2-5 Sec(Wireless)	2-3 Sec	2-3 Sec(Wired) 2-5 Sec(Wireless)	2-3 Sec
<u>Exposure Control</u>	F AED Manual Sync	F AED Manual Sync	F AED Manual Sync External Sync	F AED Manual Sync	F AED Manual Sync External Sync
Mechanical					
<u>Dimension</u>	333x268x15mm	460x384x15mm	460x384x15mm	460x460x15mm	460x460x15mm
<u>Weight</u>	2,3kg	3,7kg	3,4kg	4kg	3,4kg

Power					
<u>Maximum Power</u> (standby/operating)	<8W/17W	<8W/20W	<8W/20W	<8W/20W	<8W/20W
<u>Power Supply</u>	100-250VAC	100-250VAC	100-250VAC	100-250VAC	100-250VAC
<u>Frequency</u>	50/60Hz	50/60Hz	50/60Hz	50Hz	50/60Hz
<u>Battery</u>	3260mAh,14,8V	3260mAh,14,8V		3260mAh,14,8V	