

I.P.S.

MEDICAL

**OFFICIAL DISTRIBUTORS
IN EUROPE**

	WIRELESS 750CW	WIRELESS 1500CW	WIRELESS 1800CW	WIRED 1800Le
SENSOR				
Scintillator	Direct Deposit CsI:TI	Direct Deposit CsI:TI	Direct Deposit CsI:TI	Direct Deposit CsI:TI
Active Area	307.2 x 244.32 mm	433.7 x 354.8mm	433.5 x 433.5 mm	430 x 430 mm
Pixel Array	2560 x 2048	2816 x 2304	2816 x 2304	3072 x 3072
Pixel pitch	120 µm	154 µm	154 µm	140 µm
IMAGE QUALITY				
Limiting Resolution	4.16 lp/mm	3.25 lp/mm	3.25 lp/mm	3.57 lp/mm
MTF	70% (@ 1 lp/mm) 40% (@ 2 lp/mm) 25% (@ 3 lp/mm) 15% (@ 4 lp/mm)	70% (@ 1 lp/mm) 40% (@ 2 lp/mm) 22% (@ 3 lp/mm)	70% (@ 1 lp/mm) 40% (@ 2 lp/mm) 22% (@ 3 lp/mm)	70% (@ 1 lp/mm) 40% (@ 2 lp/mm) 22% (@ 3 lp/mm)
DQE	(RQA5, 14µGy) ~ 70% (@ 0 lp/mm) ~ 40% (@ 3 lp/mm)	(RQA5,27µGy) ~ 65% (@ 0 lp/mm) ~ 20% (@ 3 lp/mm)	(RQA5) ~ 65% (@ 0 lp/mm) ~ 33% (@ 3 lp/mm)	(RQA5,27µGy) ~ 65% (@ 0 lp/mm) ~ 20% (@ 3 lp/mm)
A/D CONVERSION	16 bits	16 bits	16 bits	16 bits
COMMUNICATION				
Communication interface	Gigabit Ethernet 2.4G/5GHz, 300 Mbps	Gigabit Ethernet 2.4G/5GHz, 300 Mbps	Gigabit Ethernet 2.4G/5GHz, 300 Mbps	Gigabit Ethernet, WiFi (2.4G/5GHz)
Image Acquisition Time	2-3 sec	2-3 sec (wired) 4-5 sec (wireless)	2-3 sec (wired) 4-5 sec (wireless)	2-4 sec
Exposure control	F ² AED Manual Sync	F ² AED Manual Sync	F ² AED Manual Sync	F ² AED Manual Sync External Sync
MECHANICAL				
Dimension	333 x 268 x 15 mm	460 x 384 x 15 mm	460 x 460 x 15 mm	460 x 460 x 15 mm
Weight	2.3 kg	3.7 kg	4 kg	3.96 kg
POWER				
Maximum Power (standby/ operating)	< 8W / 17W	< 8W / 20W	< 8W / 20W	< 8W / 22W
Power Supply	100-250V AC	100-250V AC	100-250V AC	100-250V AC
Frequency	50 / 60 Hz	50 / 60 Hz	50 Hz	50 / 60 Hz
Battery	3260 mAh, 14.8V	3260 mAh, 14.8V	3260 mAh, 14.8V	