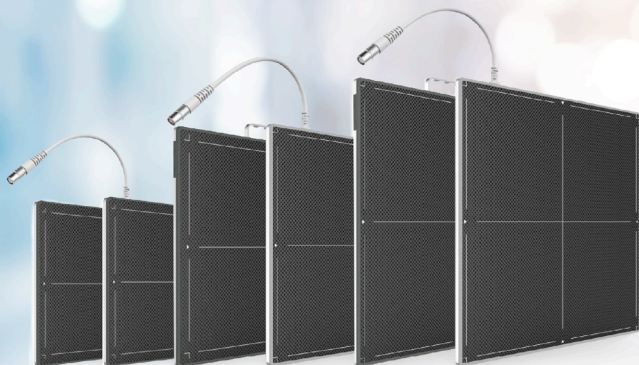
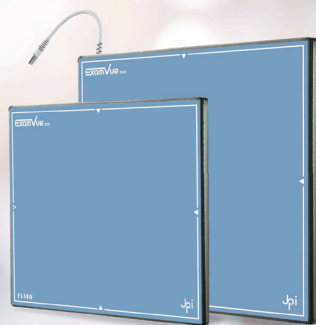


ExamVue Duo Flat Panel Detectors







ExamVue Panel Detectors



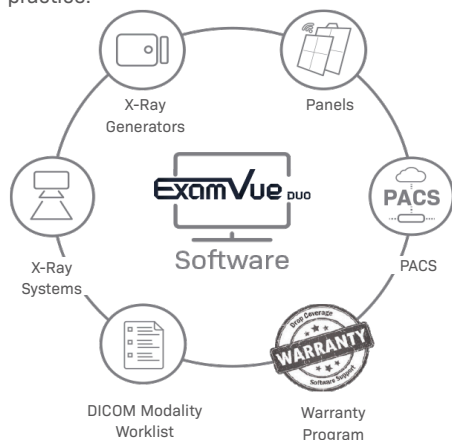
ExamVue Duo Panel Detectors

Panel Detector Features

-  **Works with All X-ray Generators**
-  **Automatic Exposure Detection**
-  **Sharp and Easily Read Images**
-  **Lower Patient Dose with CSI Tech**
-  **Great Images with Larger Patients**
-  **Installs Directly into Bucky Stand**
-  **No Wiring into the Generator Needed**

ExamVue Duo Acquisition Software

With state of the art and intuitive imaging tools, our ExamVue Duo software produces clear, concise, and quality images with even the oldest generators. ExamVue PACS comes standard with diagnostic tools and can be expanded even further with the JPI Cloud PACS. Reliable and convenient, the ExamVue Duo software seamlessly integrates into any professional practice.

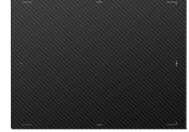
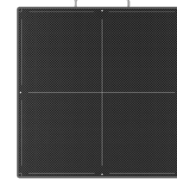
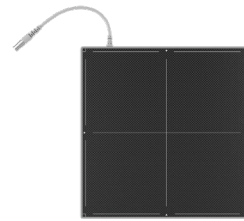
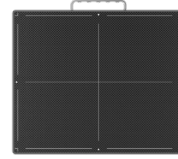
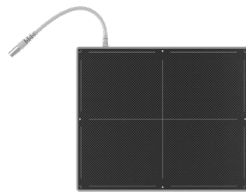
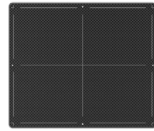
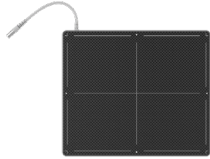


Contact us:

3555 Veterans Memorial Hwy, Unit D
Ronkonkoma, NY 11779
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(516) 513-1330 Ext. 3

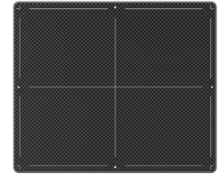
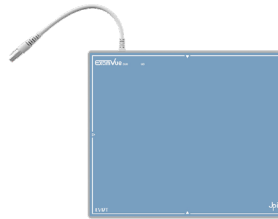
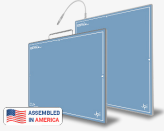


TECHNICAL SPECIFICATIONS



ExamVue Detectors	10x12 Tethered	10x12 Wireless	14x17 Tethered	14x17 Wireless	17x17 Tethered	17x17 Wireless	DR10FW	
Sensor								
Scintillator	Direct Deposit CsI:TI		Direct Deposit CsI:TI		Direct Deposit CsI:TI		CsI	
Active Area	307.2 x 244.32 mm	307.2 x 244.32 mm	433.7 x 354.8mm	433.7 x 354.8mm	434 x 434 mm	433.5 x 433.5 mm	315.2 mm x 250.2 mm	
Pixel Array	2560 x 2048	2560 x 2048	2816 x 2304	2816 x 2304	2816 x 2816	2816 x 2304	3152 x 2502	
Pixel Pitch	120 µm	120 µm	154 µm	154 µm	154 µm	154 µm	100 µm	
Image Quality								
Spatial Resolution	4.16 lp/mm	4.16 lp/mm	3.25 lp/mm	3.25 lp/mm	3.25 lp/mm	3.25 lp/mm		
A/D Conversion	16 bits	16 bits	16 bits	16 bits	16 bits	16 bits		
Full Image Time	2-3 sec	2-3 sec	2-3 sec	Wired 2-3 sec Wireless 4-5 sec	2-3 sec	Wired 2-3 sec Wireless 4-5 sec	4.5 sec	
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) 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)	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	~ 70% (@ 0 lp/mm) ~ 40% (@ 3 lp/mm)	~ 70% (@ 0 lp/mm) ~ 40% (@ 3 lp/mm)	~ 65% (@ 0 lp/mm) ~ 20% (@ 3 lp/mm)	~ 65% (@ 0 lp/mm) ~ 20% (@ 3 lp/mm)	~ 65% (@ 0 lp/mm) ~ 20% (@ 3 lp/mm)	~ 65% (@ 0 lp/mm) ~ 33% (@ 3 lp/mm)		
Communication								
Communication Interface	Gigabit Ethernet	Gigabit Ethernet 2.4G/5GHz, 300 Mbps		Gigabit Ethernet 2.4G/5GHz, 300 Mbps	Gigabit Ethernet 2.4G/5GHz, 300 Mbps		Gigabit Ethernet 2.4G/5GHz, 300 Mbps	
Exposure Control	F ² AED Manual Sync	F ² AED Manual Sync	F ² AED External Sync; Manual Sync	F ² AED Manual Sync	F ² AED External Sync; Manual Sync		F ² AED Manual Sync	
Mechanical								
Dimension	333 x 268 x 15 mm	333 x 268 x 15 mm	460 x 384 x 15 mm	460 x 384 x 15 mm	460 x 460 x 15 mm	460 x 460 x 15 mm	362.1 x 269.2 x 15mm	
Weight	2 kg	2.3 kg	3.4 kg	3.7 kg	3.4 kg	4 kg	2 kg	
Environmental								
Operating Temperature	5°C - 35°C	5°C - 35°C	5°C - 35°C	5°C - 35°C	5°C - 35°C	5°C - 35°C	10°C - 35°C	
Operating Humidity	30% - 75% RH	30% - 75% RH	30% - 75% RH	30% - 75% RH	30% - 75% RH	30% - 75% RH	5% - 90% RH	
Storage Temp	-20°C - 35°C	-20°C - 35°C	-20°C - 35°C	-20°C - 35°C	-20°C - 35°C	-20°C - 35°C	-20°C - 55°C	
Storage Humidity	10% - 90% RH	10% - 90% RH	10% - 90% RH	10% - 90% RH	10% - 90% RH	10% - 90% RH	5% - 95% RH	
IP Rating	IP65	IP65	IP65	IP65	IP65	IP65	IP67	
Power								
Max Power (Standby/Oper-)	< 8W / 17W	< 8W / 17W	< 8W / 20W	< 8W / 20W	< 8W / 20W	< 8W / 20W	18W	
Power Supply	100-250V AC	100-250V AC	100-250V AC	100-250V AC	100-250V AC	100-250V AC	100-250V AC	
Frequency	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 Hz		
Battery Autonomy		3260 mAh, 14.8V			3260 mAh, 14.8V		3260 mAh, 14.8V	

TECHNICAL SPECIFICATIONS



ExamVue Duo Detectors

EV14W

EV17T

EV1717W2

Sensor

Scintillator

Direct Deposit CsI:Tl

Direct Deposit CsI:Tl

Direct Deposit CsI:Tl

Active Area

430 x 356 mm

430 x 430 mm

430 x 430 mm

Pixel Array

3072 x 2560

3072 x 3072

3072 x 3072

Pixel Pitch

140 μ m

140 μ m

140 μ m

Image Quality

Spatial Resolution

3.57 lp/mm

3.57 lp/mm

3.57 lp/mm

A/D Conversion

16 bits

16 bits

16 bits

Full Image Time

2 - 4 sec

5 sec

2 - 4 sec

MTF

$\geq 60\%$ (@1 lp/mm)

$\geq 17\%$ (@3 lp/mm)

$\geq 60\%$ (@ 1 lp/mm)

$\geq 17\%$ (@ 3 lp/mm)

$\geq 10\%$ (@ 3.5 lp/mm)

$\geq 60\%$ (@1 lp/mm)

$\geq 17\%$ (@3 lp/mm)

DQE

$\geq 60\%$ (@ 0.0 lp/mm)

$\geq 15\%$ (@ 3.0 lp/mm)

$\geq 60\%$ (@ 0 lp/mm)

$\geq 15\%$ (@ 3 lp/mm)

$\geq 9\%$ (@ 3.5 lp/mm)

$\geq 60\%$ (@ 0.0 lp/mm)

$\geq 15\%$ (@ 3.0 lp/mm)

Communication

Communication Interface

2.4G and 5G

IEEE802.11 a/b/g/n/ac

Gigabit Ethernet

2.4G and 5G

IEEE802.11 a/b/g/n/ac

Exposure Control

AED / Software

AED / Software / Prep

AED / Software

Mechanical

Dimension

460 x 384 x 15 mm

460 x 460 x 15 mm

460 x 460 x 15 mm

Weight

3.7 kg

3.96 kg

3.9 kg

Environmental

Operating Temperature

5°C - 35°C

5°C - 35°C

5°C - 35°C

Operating Humidity

30% - 75% RH

30% - 75% RH

30% - 75% RH

Storage Temp

-20°C - 55°C

-20°C - 55°C

-20°C - 55°C

Storage Humidity

10% - 90% RH

10% - 90% RH

10% - 90% RH

IP Rating

IPX1

IPX1

IPX1

Power

Max Power (Standby/Operating)

36W

30W

36W

Power Supply

100-240V AC

100-240V AC

100-240V AC

Frequency

50 / 60 Hz

50 / 60 Hz

50 / 60 Hz

Battery Autonomy

3260mAh, 10.8V

3260mAh, 10.8V