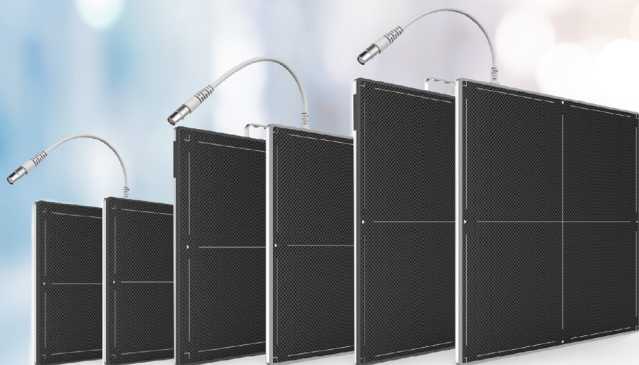


# ExamVue Flat Panel Detectors Specification Sheet





ExamVue Panel Detectors



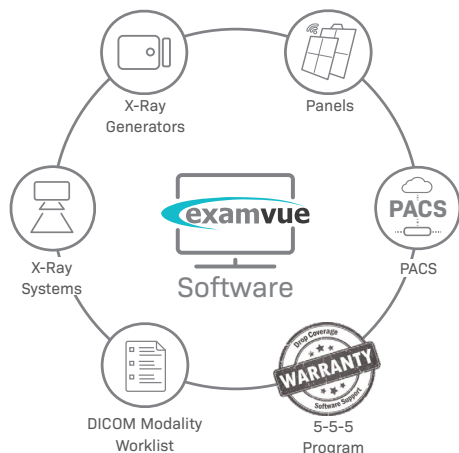
ExamVue DX Panel Detectors

## 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 Acquisition Software

With state of the art and intuitive imaging tools, our ExamVue 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 software seamlessly integrates into any professional practice.

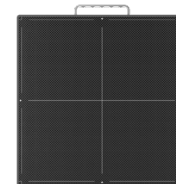
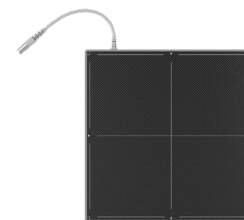
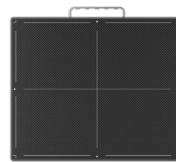
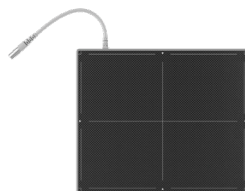
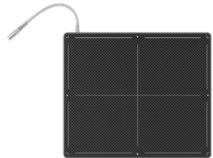


### Contact us:

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



# TECHNICAL SPECIFICATIONS



## ExamVue Detectors

### 10x12 Tethered

### 10x12 Wireless

### 14x17 Tethered

### 14x17 Wireless

### 17x17 Tethered

### 17x17 Wireless

#### Sensor

##### Scintillator

Direct Deposit CsI:TI

Direct Deposit CsI:TI

Direct Deposit CsI:TI

Direct Deposit CsI:TI

Direct Deposit CsI:TI

Direct Deposit CsI:TI

##### 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

##### Pixel Array

2560 x 2048

2560 x 2048

2816 x 2304

2816 x 2304

2816 x 2816

2816 x 2304

##### Pixel Pitch

120 μm

120 μm

154 μm

154 μm

154 μm

154 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

##### 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)

##### 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

Gigabit Ethernet  
2.4G/5GHz, 300 Mbps

##### Exposure Control

F<sup>2</sup>AED  
Manual Sync

F<sup>2</sup>AED  
Manual Sync

F<sup>2</sup>AED  
External Sync; Manual Sync

F<sup>2</sup>AED  
Manual Sync

F<sup>2</sup>AED  
External Sync; Manual Sync

F<sup>2</sup>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

##### Weight

2 kg

2.3 kg

3.4 kg

3.7 kg

3.4 kg

4 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

##### Operating Humidity

30% - 75% RH

30% - 75% RH

30% - 75% RH

30% - 75% RH

30% - 75% RH

30% - 75% 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

##### Storage Humidity

10% - 90% RH

10% - 90% RH

10% - 90% RH

10% - 90% RH

10% - 90% RH

10% - 90% RH

##### IP Rating

IP65

IP65

IP65

IP65

IP65

IP65

#### Power

##### Max Power (Standby/Operating)

< 8W / 17W

< 8W / 17W

< 8W / 20W

< 8W / 20W

< 8W / 20W

< 8W / 20W

##### Power Supply

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

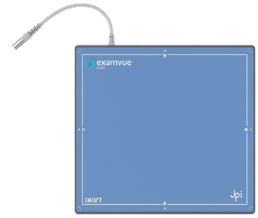
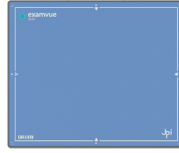
##### Battery Autonomy

3260 mAh, 14.8V

3260 mAh, 14.8V

3260 mAh, 14.8V

# TECHNICAL SPECIFICATIONS



## ExamVue DX Detectors

## DR14W

## DR17T

### Sensor

Scintillator

Direct Deposit CsI:Tl

Direct Deposit CsI:Tl

Active Area

433.7 x 354.8mm

434 x 434 mm

Pixel Array

2304 x 2800

3072 x 3072

Pixel Pitch

150  $\mu$ m

139  $\mu$ m

### Image Quality

Spatial Resolution

3.3 lp/mm

3.6 lp/mm

A/D Conversion

16 bits

16 bits

Full Image Time

5 sec

5 sec

MTF

>58%  
>25%  
>10% (@ 3.3 lp/mm)

60% .... (@ 1 lp/mm)  
31% .... (@ 2 lp/mm)  
15% .... (@ 3 lp/mm)

DQE

>58% (@ 0.0 lp/mm)  
>14% (@ 2.5 lp/mm)

~ 52% .... (@ 0 lp/mm)  
~ 16% .... (@ 3 lp/mm)

### Communication

Communication Interface

2.4G and 5G  
IEEE802.11 a/b/g/n/ac

Gigabit Ethernet

Exposure Control

AED / Software

AED / Software / Prep

### Mechanical

Dimension

460 x 384 x 15 mm

460 x 460 x 15 mm

Weight

3.3 kg

4 kg

### Environmental

Operating Temperature

5°C - 35°C

5°C - 35°C

Operating Humidity

10% - 90% RH

30% - 80% RH

Storage Temp

-20°C - 55°C

-10°C - 55°C

Storage Humidity

5% - 95% RH

10% - 95% RH

IP Rating

IPX1

IPX1

### Power

Max Power (Standby/Operating)

18W

30W

Power Supply

100-250V AC

100-250V AC

Frequency

50 / 60 Hz

50 / 60 Hz

Battery Autonomy

4180mAh, 10.8V