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 Улан-Удэ (3012)59-97-51
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 Череповец (8202)49-02-64
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ExamVue Flat Panel Detectors Specification Sheet



ExamVue Flat Panel Detectors



ExamVue DX Flat 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



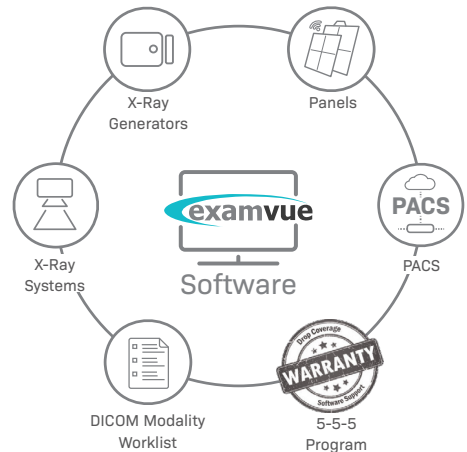
Installs Directly into Bucky Stand



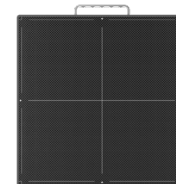
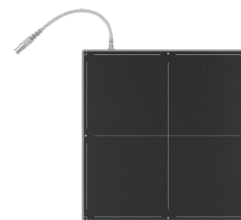
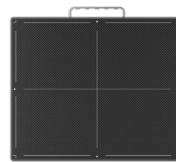
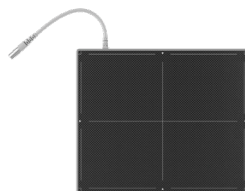
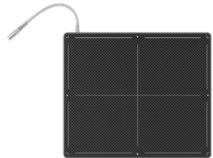
No Wiring into the Generator Needed

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.



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

F²AED
Manual Sync

F²AED
Manual Sync

F²AED
External Sync; Manual Sync

F²AED
Manual Sync

F²AED
External Sync; Manual Sync

F²AED
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

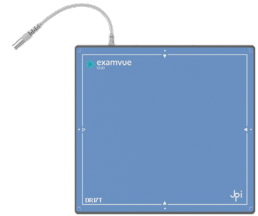
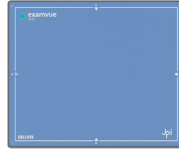
Battery Autonomy

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 μ m

139 μ 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%

60% (@ 1 lp/mm)

>25%

31% (@ 2 lp/mm)

>10% (@ 3.3 lp/mm)

15% (@ 3 lp/mm)

DQE

>58% (@ 0.0 lp/mm)

~ 52% (@ 0 lp/mm)

>14% (@ 2.5 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

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Сургут (3462)77-98-35
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