

Technical Specifications:

Computer Hardware Tech Specs

Operating System:

Windows 10 64-bit

Processor:

3.0GHz, Intel Core i5

Storage/Memory:

8GB RAM, 1TB HD

VIVIX-S Detector Tech Specs

Detector Size:

10" x 12" (25.4 x 30.48)(1012N Wireless)

14" x 17" Cassette-size (35 x 43 cm)(1417N Wireless)

14" x 17" Cassette-size (35 x 43 cm)(1417S Wired)

14" x 17" Cassette-size (35 x 43 cm)(1417S Wireless)

17" x 17" Cassette-size (43 x 43 cm)(1717N Wireless)

Scintillator:

Available in Cesium Iodide (CsI)

GadOx (Gd₂O₂S) Gadolinium Oxysulfide

Pixel Pitch:

124 µm (1012N)

140 µm (1417N), (1417S Wired), (1417S Wireless), (1717N)

Spatial Resolution:

4 lp/mm (1012N)

3.5 lp/mm (1417N), (1417S Wired), (1417S Wireless)

3.6 lp/mm (1717N)

Pixels:

2048 x 2560 pixels (1012N)

2560 x 3072 pixels (1417N), (1417S Wired), (1417S Wireless)

3072 x 3072 pixels (1717N)

Grayscale:

16 bit (1012N), (1717N)

14 bit (1417N), (1417S Wired), (1417S Wireless)

Image Acquisition Time:

3 seconds (1012N), (1717N)

2 seconds (1417N), (1417S Wireless)

1.2 seconds (1417S Wired)

Dimensions:

13.8" x 11.2" x 0.6" (1012N)

18" x 15" x 0.6" (1417N), (1417S Wired), (1417S Wireless)

18.1" x 18.1" x 0.6" (1717N)

Detector weight:

4.9 lbs. (1012N Wireless)

6.4 lbs. (1417N Wireless)

6.8 lbs. (1417S Wired)

7.3 lbs. (1417S Wireless)

9.3 lbs. (1717N Wireless)

Battery:

Lithium Ion 3,100 mAh x 2(1012N), (1417N), (1717N)

N/A (1417S Wired)

Lithium Ion Polymer 4,000 mAh (1417S Wireless)