

X-Sight Feature Set *

Feature:	Product:				
	X-Sight C-Arm	X-Sight RF	X-Sight Angio	X-Sight Cardiac	X-Sight Multi
Acquisition:					
Up to 4000 x 4000 x 12-bit resolution (camera dependent)	X	X	X	X	X
Continuous digital fluoroscopy	X	X	X	X	X
Pulsed digital fluoroscopy (generator dependent)	X	X	X	X	X
Cine loop capture during fluoroscopy - Auto replay - Selectable store to disk - Selectable capture rates (3.75, 7.5, 15 and 30 fps)	X	X	X	X	X
Digital Spot acquisition - Progressive readout - 1, 2, 3, 3.75, 5, 6, and 7.5 fps capture rate	X	X			
Hi-speed digital radiographic (Spot & Cine) acquisition - 1, 2, 3, 3.75, 5, 6, 7.5, 15, and 30 fps capture rate - 60 fps Cine (cardiac) capture rate (camera dependent) - Loop capture in solid state memory - Auto loop playback			X	X	X
Auto Spot/radiographic exposure store to disk	X	X	X	X	X
Programmable Spot acquisition sequences			X		X
Programmable table stepping control for runoff studies			X		X
Programmable contrast agent injector control			X	X	X
Programmable Cine (cardiac) acquisition sequences				X	X
Multi-run image file management			X	X	X
On-line acquisition review - Allows instant review of images just acquired	X	X	X	X	X
Pre-programmed acquisition settings based on study types		X	X	X	X
Image Processing:					
4-level fluoro noise reduction	X	X	X	X	X
Motion-compensated fluoro noise reduction	+	X	X	X	X
4-level 7x7 kernel spatial filtering for edge enhancement	X	X	X	X	X
Real-time fluoro roadmapping	X	X	X	X	X
Digital Spot subtraction during acquisition with remasking capability	+	+	X		X
Post acquisition subtraction with re-registration and remasking capabilities	+	X	X		X
Pre-programmed image processing settings based on study types and user preferences		X	X	X	X
Background hardcopy processing	X	X	X	X	X
Automatic brightness/contrast optimizer	+	+	+	+	+
Auto MaxContrast			+		+
Stenotic quantitative analysis			+	+	+
LV quantitative analysis				+	+
Display Features:					
Combined menu/image display	X	X	X	X	X
Flicker-free 60 Hz 1024-line noninterlaced scan	X	X	X	X	X
4-on-1, 16-on-1 formats with real-time display	X	X	X	X	X
2X and 4X zoom with pan/scroll	X	X	X	X	X
Brightness, contrast, and inversion	X	X	X	X	X
Last image hold (LIH)	X	X	X	X	X
Auto/manual electronic collimators	X	X	X	X	X
Reference image frame selection	X	X	X	X	X
Image annotation	X	X	X	X	X
Multi-rate cine loop replay	X	X	X	X	X

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Real-time image reversal and 90 deg rotation during acquisition	+	+	+	+	+
Post acquisition real-time image reversal	X	X	X	X	X
Separate image-only display output (without GUI menu)	+	+	+	+	+
User Interface:					
In-advance patient data entry	X	X	X	X	X
User-friendly custom graphical user interface	X	X	X	X	X
Point & click mouse(or trackball)-driven menus	X	X	X	X	X
Hot keys for frequently used functions	X	X	X	X	X
Standard PC keyboard for text entry/editing	X	X	X	X	X
Storage:					
Full 10-bit storage	X	X	X	X	X
104 MB RAM storage (upgradeable in 40 MB increments)	X				
208 MB RAM storage (upgradeable in 40 MB increments)		X			
376 MB RAM storage (upgradeable in 40 MB increments)	+	+	X	X	X
40 GB (minimum) disk storage	X				
80 GB (minimum) disk storage	+	X			
120 GB (minimum) disk storage	+	+	X ¹	X ¹	X ¹
72 GB (minimum) real-time (30 fps) RAID storage - Approx. 30 minutes of 1024 x 1024 x 10-bit storage - RAID level 3 for data protection			+	+	+
144 GB (minimum) real-time (30 fps) RAID storage - Approx. 60 minutes of 1024 x 1024 x 10-bit storage - RAID level 3 for data protection			+	+	+
650 MB DICOM CD-R storage (store-only)	+	+	+	+	+
650 MB DICOM CD-R reader (from X-Sight CD-R)	+	+	+	+	+
Hardcopy Interface:					
DICOM Print	+	+	+	+	+
Camera:					
CCD camera, 1024 x 1024, 30 fps (single rate), 12-bit, progressive scan, gamma correction [Dual rate (30/60 fps) also available]	+	+	+	+	+
Other Features:					
DICOM C-Store 100BaseT ethernet network interface (send only)	+	+	+	+	+
DICOM Worklist 100BaseT ethernet network interface	+	+	+	+	+
In-room reference display interface - Three selectable reference frames	+	+	+	+	+
Video downconverter	+	+	+	+	+
Two-room interface - Allows time-sharing between two rooms	+	+	+	+	+
Remote diagnostics	X	X	X	X	X
X-ray generator interface - Electrically isolated for equipment protection - Universal interface for new and existing x-ray equipment - Software-programmable signal parameters for ease-of-interface	X	X	X	X	X

X: Standard feature, +: Optional feature

¹With real-time RAID storage option, disk is not used for image storage. ²Without real-time RAID storage option.

*Specifications subject to change without notice.

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