

VAMC DENVER, CO  
PO# 554-B40013

Qty	Product Model Number and Description			e
1	<p>- Selenia Dimensions Tomosynthesis with AWS 5000 X-Ray Gantry: Constant Potential, High Frequency, Inverter Type Generator kV Range – 20 kV to 49 kV in 1 kV increments mAs Range – 3.0 mAs to 500 mAs mA Range – 10 mA to 200 mA, Lg Focal Spot; 10 mA to 50 mA, Sm Focal Spot</p> <p>X-Ray Tube: Tungsten, Bi-Angular, High Speed, High Heat Capacity Filtration – 0.050 mm Rhodium (Rh); 0.050 mm Silver (Ag); 0.70 mm Aluminum (Al) Focal Spot Size – 0.3 mm (Lg); 0.1 mm (Sm)</p> <p>Digital Image Receptor: Amorphous Selenium, TFT HTC Anti-Scatter Grid w/Auto-Retraction for Geometric Magnification and Tomosynthesis Views Image Receptor Size – Single Plate, 24 cm x 29 cm Image Matrix Sizes – 2560 x 3328 (18 cm x 24 cm); 3328 x 4096 (24 cm x 29 cm) Pixel Size – 0.070 mm Limiting Spatial Resolution – 7.1 lp/mm Ambient Operating Temperature – 20°C to 30°C</p> <p>Standard Acquisition Workstation (AWS 5000): CPU – Multi-Core Intel Based CPU Memory – 16 GB RAM Hard Drive – 1TB min Storage Media – DVD +/- R/W Image Display Technology – Standard, 2 MP Color LCD Display User Interface Display – 1.2 MP Color LCD Display Operating System – Operating System – Microsoft Windows 7 / 64 bitLocal Image Store Capacity – Approximately 9,000 Screening Mammography Studies</p> <p>Standard Compression Paddles: 24 cm x 29 cm Screening Paddle 18 cm x 24 cm Screening Paddle 10 cm Contact Paddle 10 cm Magnification Paddle</p> <p>Accessories: Face Shields (2) Magnification Platform Dual Function Footswitches (2)</p> <p>DICOM Services: Worklist, Storage, Storage Commitment, Query/Retrieve, Print</p>			

**IHE Profiles:**

Scheduled Workflow, Patient Information Reconciliation, Mammography Image

**Licenses:**

Diagnostic Imaging License

Dynamic Tube Head Motion License

Tomosynthesis Modality AWS License (1)

If softcopy review of tomosynthesis images is via SecurView, a SecurView Tomosynthesis license for each system must be included in your order and the following SecurView recommendations apply:

Software: SecurView v7.3.1 or higher

Standalone or Client Computer (applies to DX or RT): Dell Precision T7500

Manager Computer (applies to DX or RT): SecurView Dell PowerEdge T610

Client Display: Barco Nio, Coronis or High Brightness LCD Displays (CRTs not supported)

Keypad: Tomo capable keypad

Please consult your Hologic Technical Sales Specialist for more details on the above (US only).

**Training Requirements:**

A pre-requisite for the Tomosynthesis Modality is ACR or State FFDM accreditation. If your site has not yet been FFDM accredited, you will need to apply to the ACR or State for FFDM certification. Once that is received, you may contact the MSQA for the FFDM certification extension program for tomosynthesis at 301-796-5710.

**Manuals:**

User Manual, Service and Maintenance Manual, Quality Control Manual

**Warranty:**

Standard One-Year Parts and Labor Warranty; Two-Year Prorated Manufacturer's Warranty on X-Ray Tube

NOTE: BEFORE WE CAN ACCEPT YOUR ORDER FOR A SELENIA DIMENSIONS TOMOSYNTHESIS SYSTEM ("SYSTEM") OR TOMOSYNTHESIS OPTION FOR AN EXISTING SELENIA DIMENSIONS SYSTEM, A TOMOSYNTHESIS ENTERPRISE CUSTOMER SITE ASSESSMENT SURVEY ("SURVEY") MUST BE COMPLETED WITH YOUR HOLOGIC REPRESENTATIVE TO ASSURE YOUR CONFIGURATION NEEDS ARE ACCURATELY ADDRESSED. THE ADDITIONAL INFORMATION OBTAINED FROM THE SURVEY MAY MODIFY THE REQUIRED COMPONENTS OF YOUR SYSTEM AND THEREFORE YOUR TOTAL PRICE MAY BE ADJUSTED IN A FINAL QUOTE.

1	<p><b>Initial Applications - Dimensions 2D</b> - Initial Applications per site - Dimensions 2D</p> <p>Three (3) days of Applications Training for up to 5 technologists per site.</p> <p>Applications must be completed within 12 months of equipment shipment.</p> <p>Please note: Cancellations must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees.</p>
1	<p><b>Initial Applications – Dimensions Tomo - Tech</b> - Initial Applications – Dimensions Tomo Modality - Technologist</p> <p>Two (2) days of Applications Training for up to 5 technologists per site. Applications must be completed within 12 months of equipment shipment. This training cannot be performed until FFDM certification extension is received for tomosynthesis. Please note: Cancellations must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees.</p>
1	<p><b>Initial Applications - SecurView(DX)</b> - Initial Applications per site - SecurView(DX)</p> <p>Three (3) days of Applications Training for up to 6 Radiologist per site.</p> <p>Applications must be completed within 12 months of equipment shipment.</p> <p>Please note: Cancellations must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees.</p>
1	<p><b>Initial Education – Dimensions Tomo - Physicist</b> - Initial Education – Dimensions Tomo Modality - Physicist</p> <p>Included in the price are 8 hours of Hologic tomosynthesis educational training for up to 2 physicists. This consists of 3 hours of Online training; and, 5 hours of QC training with a Hologic Field Engineer. Education must be completed within 12 months of equipment shipment. Visit <a href="http://www.hologic.com/medical-professionals">www.hologic.com/medical-professionals</a> for a list of Hologic educational opportunities.</p>
1	<p><b>Initial Education – Dimensions Tomo - Radiologist</b> - Initial Education – Dimensions Tomo Modality - Radiologist (Requires SecurViewDX)</p>

	<p>Included in the price of your system are 8 hours of Hologic Tomosynthesis educational training for up to seven (7) Radiologists. Radiologists can either attend a live non-CME Hologic Tomosynthesis course or a live online course streamed via WebEx. The online training requires a SecurViewDX workstation (licensed for Tomosynthesis) and a separate computer with internet connection; ONLY two (2) Radiologists per SecurViewDX workstation. Please refer to SecurViewDX hardware/software minimums.</p> <p>Education must be completed within 12 months of equipment shipment. Excludes travel and expenses. Visit <a href="http://www.hologic.com/medical-professionals">www.hologic.com/medical-professionals</a> for a list of Hologic educational opportunities.</p>
1	<p>- Expanded Paddle Kit for Selenia Dimensions (AWS 5000 Packages)</p> <p>The optional expanded compression paddle kit includes the following extra paddles:</p> <ul style="list-style-type: none"> <li>(a) Small breast screening paddle</li> <li>(b) Frameless spot paddle</li> <li>(c) 7.5 cm spot contact paddle</li> <li>(d) 7.5 cm spot magnification paddle</li> </ul> <p>This compression paddle kit is designed to enhance both screening and diagnostic patient imaging procedures for the Selenia Dimensions with Acquisition Workstation 5000 or Avia packages.</p>
1	<p>- Cenova with ImageChecker CAD (R2SYS-2200 and R2LIC-2101-2) - GPO/IDN/GOVT ONLY</p> <p>Cenova Digital Mammography Processing System hosts R2 software applications. System includes ImageChecker CAD computer-aided detection for digital mammograms received from a variety of FFDM systems. One ImageChecker CAD port license is included, and optional port licenses can be added to a total of four. R2's patented ImageChecker CAD algorithm analyzes the digitally acquired images. Citra Core software, including RightOn, Malc, PeerView Digital, EmphaSize and LesionMetrics, provides additional information about why R2 CAD marked specific regions. R2's digital mammography CAD results are sent to any DICOM PACS or workstations.</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>• Hologic's latest R2 Cenova Processing Unit Server <ul style="list-style-type: none"> <li>• Windows XP operating system</li> <li>• Dynamic resource management and case control</li> <li>• Output transmission re-try mechanism</li> <li>• Flexible output routing to multiple output destinations</li> <li>• Computer Server (6U)</li> <li>• Compact footprint</li> <li>• License dongle</li> </ul> </li> <li>• ImageChecker CAD algorithm, the most trusted name in CAD: <ul style="list-style-type: none"> <li>• Detection of Calcification Clusters and Densities (Mass)</li> <li>• Advanced geometric analysis (CC/MLO correlation and R/L asymmetry)</li> <li>• Nine operating point combinations for tailored CAD performance</li> </ul> </li> <li>• R2 ImageChecker Digital CAD Port 1 Software License, supports: <ul style="list-style-type: none"> <li>• Hologic, GE and Siemens FFDM systems</li> </ul> </li> <li>• Citra* Core Software License: <ul style="list-style-type: none"> <li>• RightOn CAD marks placed right on the region-of-interest to unambiguously flag the location <ul style="list-style-type: none"> <li>• Malc CAD marks where the algorithm sees signs both of density and calcifications</li> <li>• PeerView Digital to show exactly the tissue that caused CAD to mark the region</li> <li>• EmphaSize to differentiate CAD marks that have more prominent features</li> <li>• LesionMetrics to display additional information about the finding</li> </ul> </li> </ul> </li> <li>• Hologic Connect remote system diagnostic software for post-installation service and applications support; conforms with Verisign security</li> </ul> <p>Requires:</p> <ul style="list-style-type: none"> <li>• An equal number of Cenova CAD and Quantra Port licenses (if both are present)</li> <li>• Specify manufacturer, and model of FFDM system at time of order</li> </ul> <p>*Restrictions:</p> <ul style="list-style-type: none"> <li>• Advanced R2 CAD features such as the Malc Mark, PeerView Digital, EmphaSize and LesionMetrics require workstations that conform to proper display of those features. They can be disabled for use with other non-conformant workstations. Customer needs to check with their workstation vendor</li> </ul> <p>"This item is for use with 2D Images only."</p>
1	<p>- SecurView(DX) SV400 Workstation</p> <p>SecurView DX 400 is cleared under a 510(k) submission for display, manipulation, and interpretation of FFDM images (from any vendor), as well as any other DICOM multi-modality image.</p> <p>System Specifications:</p> <p>High End Workstation  High End, six core, Xeon Processor Windows Based System (2.0GHz or higher)  16GB High Speed RAM  (3) 2TB SAS drives in RAID 5 array  10/100/1000 Base T Ethernet Network Interface</p> <p>Display Hardware  Barco High Brightness Dual 5MP Display (Barco model MDMG-5221) with "blue base". Luminance - 1000 cd/m2. Adjustable viewing angle, I-Luminate feature. Active screen size (diagonal) 541 mm each. Dimensions with stand: 408x582-642 x 250 mm each</p>

	<p>display (this model has two displays): High End 10-bit Medical Grade Display Card for high brightness</p> <p>Attached Devices Multi-function Mouse Backlit Keyboard Dedicated Workflow Keypad Designed for Mammography Applications Power UPS</p> <p>Software Windows 7 Operating System Dedicated Mammography Based Reviewing Software (User Specific Hanging Protocols, Workflow, etc) Integrated CAD Display (CAD Software and Systems sold separately) Automated Display QC Software DICOM Connectivity - Print Store, Query/Retrieve, CAD SR Objects, Grayscale Software Presentation State Objects</p> <p>User Manual Installation Manual</p> <p>Options: Advanced Multimodality Module, Application Synchronization Module, MPE Software, SecurView DX Manager, Barcode Scanner</p> <p>The SecurView software may include certain third party software products and libraries. In purchasing this product, the customer agrees and accepts that such software is licensed to the customer under the existing terms and conditions of the applicable license.</p>
1	<p><b>BARCODE SCANNER SecurView(DX)</b></p> <p>Barcode Scanner for SecurView(DX) standalone and client systems.</p> <ul style="list-style-type: none"> <li>· High quality barcode reader with advanced sleep mode</li> <li>· Can be mounted onto either side of the review workstation</li> <li>· Uses Accession Number or Patient ID to automatically select a patient: <ul style="list-style-type: none"> <li>o Within a predefined session,</li> <li>o Within a View Now session, or</li> <li>o When using Automatic Worklist.</li> </ul> </li> <li>· Enables synchronization of order of current digital mammograms with screen-film priors</li> <li>· Allows the reviewer to accurately and easily select a patient for review</li> <li>· Is compatible with Selenia Softcopy Workstations and SecurView(DX)</li> </ul> <p>(Previous Product ID: ASY-01012)</p>
1	<p><b>- Carestream DryView 5950 Digital Mammography Tabletop Laser Imager</b></p> <p>Carestream DRYVIEW 5950 Digital Mammography and General Radiography Tabletop Laser Imager</p> <p>Specifications:</p> <ul style="list-style-type: none"> <li>• Up to 70 films per hour (14x17) and 110 films per hour (8x10)</li> <li>• Fully compatible with five film sizes: 14 X 17", 14 X 14", 11 X 14", 10 X 12", 8 X 10"</li> <li>• Supports FFDM with DRYVIEW DVM and DVM+ films in multiple sizes</li> <li>• High resolution (50 micron; 508 ppi)</li> </ul> <p>Warranty - 12 months parts and labor by Carestream trained service personnel</p>
1	<p><b>- Dimensions Needle Localization Kit (incl. crosshairs and open paddles for both contact and mag)</b></p> <p>Needle Localization Kit for Selenia Dimensions</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>Contact Localization Crosshairs (for both contact and magnification procedures)</li> <li>10 cm Open Localization Paddle</li> <li>10 cm Open Localization Paddle for Magnification</li> </ul> <p>(ASY-02385,ASY-02258,ASY-01993 &amp; ASY-02163)</p>
4	<p><b>Dimensions Paddle Rack</b></p> <p>Paddle storage rack designed for use with all Selenia Dimensions configurations. Rack holds approximately 3-4 Dimensions paddles. Hologic recommends a minimum of 3 racks for Dimensions with AWS 8000 and a minimum of 2 racks for Dimensions with AWS 5000.</p> <p>Approximate paddle rack dimensions:</p> <p>Length: 36 1/2" Depth: 4" (from the wall out) Height: 7"</p> <p>Pitch of 12" to 14" when multiple racks are installed over each other.</p>
1	<p><b>Initial Applications - Affirm</b> - Initial Applications per site –Affirm</p>

	<p>Three (3) days of Applications Training for 3 technologists and 3 doctors per site.</p> <p>Applications must be completed within 12 months of equipment shipment.</p> <p>Please note: Cancellations must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees.</p>
1	<p><b>Initial Applications - Tomo Affirm Upgrade</b> - Initial Applications per site - Tomo Affirm Upgrade</p> <p>Initial Tomo Affirm Upgrade</p> <p>One (1) of applications training for up to 3 technologists and 3 Doctors per site</p> <p>Applications must be completed within 12 months of equipment shipment.</p> <p>Cancellations must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees.</p>
1	<p>- Medical Grade, 2 MP Grayscale LCD Display</p> <p>The Medical Grade, 2 MP Grayscale LCD Display upgrade changes the standard 2MP color display with a medical grade, high brightness, 2MP grayscale display. The upgrade will allow the user to experience higher image quality on the AWS 5000. Image QC will become easier. The upgrade display will offer better image quality during diagnostic and interventional procedures. This upgrade is the base requirement for those systems that will be used with the Affirm breast biopsy guidance solution to assure that biopsy procedures are done in an efficient and safe way.</p>
1	<p>- Affirm Breast Biopsy System</p> <p>The Affirm breast biopsy guidance system for upright stereotactic (2D) breast biopsy is an option for Selenia Dimensions systems to allow facilities the opportunity to offer minimally invasive breast biopsy and wire localization services in the breast imaging suite. The Affirm breast biopsy guidance system incorporates motorized X and Y biopsy device guidance while the Z direction requires manual control. The Affirm comes with a single biopsy license to be used on a Selenia Dimensions. Additional licenses are purchasable options to allow use of a single Affirm on multiple Selenia Dimensions systems.</p> <p><b>Affirm System Features:</b></p> <ul style="list-style-type: none"> <li>• A fully integrated solution optimized for Selenia Dimensions that minimizes procedure steps and simplifies workflow;</li> <li>• Intuitive user interface driven by the Selenia Dimensions acquisition workstation for enhanced ease of use;</li> <li>• Advanced ergonomic and lightweight design for quick and easy transition from diagnostic to interventional procedures under the same imaging modality;</li> <li>• 70 cm SID, the longest in the industry, for easier positioning of patients and installation of biopsy devices;</li> <li>• A unique, 10° angled biopsy approach for an unobstructed view of the lesions while maintaining simple Cartesian targeting methods in all biopsy modes;</li> <li>• Compatibility with a wide array of biopsy devices for greater convenience;</li> <li>• A complete solution for screening, diagnostic and interventional procedure.</li> </ul> <p><b>Included System Components:</b></p> <ul style="list-style-type: none"> <li>• Affirm breast biopsy guidance module;</li> <li>• Affirm guidance control module with touch-screen display;</li> <li>• One biopsy license for use with a single Selenia Dimensions system.</li> </ul> <p><b>Included Compression Paddles</b></p> <ul style="list-style-type: none"> <li>• Standard biopsy compression paddle (biopsy window: 5.4 cm x 5.2 cm);</li> <li>• Axillary biopsy compression paddle (biopsy window: 5.4 cm x 5.2 cm);</li> <li>• Wide biopsy compression paddle (biopsy window: 7.4 cm x 6.2 cm).</li> </ul> <p><b>Included Accessories</b></p> <ul style="list-style-type: none"> <li>• Quality assurance needle</li> <li>• Needle guide holder</li> <li>• Geometry calibration phantom</li> <li>• User manual</li> <li>• Service manual.</li> </ul> <p><b>Requirements:</b></p> <ul style="list-style-type: none"> <li>• 2 MP grayscale, medical grade LCD display or higher</li> <li>• Selenia Dimensions software version 1.5.2 or higher</li> </ul>
1	<p>- Affirm Tomosynthesis Biopsy Software License</p>

