

XR-MAMMO, VAMC COLUMBIA, SC

PO# 544-4B5002

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1	<p>SELENIA DIMENSIONS TOMO / AWS 8000 - Selenia Dimensions Tomosynthesis with AWS 8000</p> <p>X-ray Gantry</p> <p>Generator: Constant Potential High Frequency Inverter Type</p> <p>kV Range - 20 kV to 49 kV in 1 kV increments</p> <p>mAs Range — 3.0mAs to 500 mAs</p> <p>mA Range —10 mA to 200 mA, Lg Focal Spot; 10 mA to 50 mA, Sm Focal Spot</p> <p>X-Ray Tube</p> <p>Tungsten, Bi-Angular, High Speed</p> <p>Filtration - 0.050 mm Rhodium (Rh) and 0.050 mm Silver (AG)</p> <p>Focal Spot Size - 0.3 mm (Lg); 0.1 mm (Sm)</p> <p>Digital Image Receptor</p> <p>Amorphous Selenium, TFT</p> <p>Lorad HTC Anti-scatter Grid w/Auto-Retraction for Geometric Mag Views</p> <p>Image receptor size — Single Plate 24 cm x 29 cm</p> <p>Image Matrix Sizes</p> <p>18 cm x 24 cm (2560 X 3328)</p> <p>24 cm x 29 cm (3328 x 4096)</p> <p>Pixel Size - 0.070 mm</p> <p>Limiting Spatial Resolution - 7.1 Ip/mm, Conventional Mammography; 3.5 1p/mm, Tomosynthesis</p> <p>Ambient Operating Temperature - 10°C to 30°C</p> <p>Acquisition Workstation</p> <p>CPU - Multi-Core Intel Based CPU</p> <p>Memory - 16 GB RAM</p> <p>Hard Drive - 1.0 TB min</p> <p>Storage Media - DVD +/- R/W</p> <p>Image Display Technology - 3 Megapixel Grayscale Medical Grade LCD Display</p> <p>User Interface Display - 1.2 Megapixel Touchscreen Color LCD Display</p> <p>Operating System - Operating System — Microsoft Windows 7 / 64 bit</p> <p>Screening Compression Paddles</p> <p>24cm x 29cm</p> <p>18cm x 24cm</p> <p>Small Breast Paddle</p> <p>Diagnostic Compression Paddles</p> <p>10 cm Contact Paddle</p> <p>7.5 cm Spot Contact Paddle</p> <p>Frameless Spot Paddle</p> <p>Magnification Compression Paddles</p> <p>10 cm Magnification Paddle</p> <p>7.5 cm Spot Magnification Paddle</p>

Accessories:
Face Shield (2)
Magnification Platform
Dual Function Footswitches (2)

DICOM Services: Worklist, Print, Storage, Storage Commitment, Query/Retrieve, Modality Performed Procedure Step

IHE Profiles: Scheduled Workflow, Patient Information Reconciliation, and Mammography Image

User Interface: Keyboard, trackball, touchpad, biometrics scanner, and bar code scanner
Manuals - System Instructions, Maintenance, Quality Control Manuals

Local Image Store Capacity: Approximately 9,000 screening mammography studies; or 3,000 combined screening mammography and tomosynthesis studies

Licenses:
Bi-Directional Communications License
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 (CRT's 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 Initial Applications - Dimensions 2D - Initial Applications per site - Dimensions 2D
Three (3) days of Applications Training for up to 5 technologists per site.

Applications must be completed within 12 months of equipment shipment.

Please note: Cancellations must be made 48 hours prior to the end of the business week before your scheduled applications to avoid cancellation fees.

Initial Applications Added Value: \$5,100.00

1 Initial Applications — Dimensions Tomo - Tech - Initial Applications — Dimensions Tomo
Modality - Technologist

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. Initial Applications Added Value: \$3,800

1 Initial Applications - SecurView(DX) - Initial Applications per site - SecurView(DX)

	<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> <p>Initial Applications Added Value: \$5,100.00</p>
1	<p>Initial Applications - SecurView(RT) - Initial Applications per site - SecurView(RT) One half day (.5) 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> <p>Initial Applications Added Value: \$2,500.00</p>
1	<p>Initial Applications - Affirm - Initial Applications per site —Affirm 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> <p>Initial Applications Added Value: \$5,100.00</p>
1	<p>Initial Applications - Tomo Affirm Upgrade - Initial Applications per site - Tomo Affirm Upgrade 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> <p>Initial Applications Added Value: \$2,500.00</p>
1	<p>Initial Education — Dimensions Tomo - Physicist - Initial Education — Dimensions Tomo Modality - Physicist 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 www.hologic.com/medical-professionals for a list of Hologic educational opportunities. Added Value: \$1,500.00</p>
1	<p>Initial Education — Dimensions Tomo - Radiologist - Initial Education — Dimensions Tomo Modality - Radiologist (Requires SecurViewDX) 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 www.hologic.com/medical-professionals for a list of Hologic educational opportunities. Added Value: \$5,250.00</p>
1	<p>PRF Field Guide - Pink Ribbon Facility Field Guide A comprehensive business development guide, provided by Hologic, full of proven marketing materials and communication strategies to support your individual business-building efforts.</p> <p>Value Added List Price: \$5,000.00</p>
1	<p>ASY-06485 - C-ViewTmsynthesized 2D image option for Selma Dimensions tomosynthesis systems The C-View™ synthesized 2D image software option generates 2D images from a Selenia Dimensions tomosynthesis dataset in seconds. C-View 2D images emulate traditional 2D images and is designed to reduce compression time and dose while also maintaining the ability to compare the current C-View 2D to prior 2D images during the radiologists' review of the tomosynthesis slices. This license provides the ability to use the C-View synthesized 2D image software on one (1) Selenia Dimensions tomosynthesis system.</p> <p>Includes:</p> <ul style="list-style-type: none"> • C-View synthesized 2D imaging license (1) • High powered graphics processor (1) • Manual <p>Output:</p> <ul style="list-style-type: none"> • DICOM Digital Mammography Image (MG) or Breast Tomosynthesis Image object (BTO) <p>Requirements:</p>

	<ul style="list-style-type: none"> • Selenia Dimensions system with tomosynthesis option • Selenia Dimensions software version 1.7 or higher • Additional hardware requirements may apply. Please provide the Dimensions serial number(s) at the time of order. <p>If softcopy review of tomosynthesis images is via SecurView diagnostic workstation, the following SecurView recommendations apply:</p> <ul style="list-style-type: none"> • SecurView diagnostic workstation software 7.3.3 or higher
1	<p>WS-LIC-1003-NC - SecurView (DX/RT) Tomosynthesis License</p> <p>This license enables the display of tomosynthesis images on a SecurView DX or RT workstation that is in use at a customer site.</p> <p>It is provided at no charge as part of a promotional program for new Dimensions 3D customers or for customers purchasing the Tomosynthesis Option on an existing Dimensions system (2D to 3D).</p> <p>NOTE: the system serial number of the workstation must be supplied. If the workstation is part of a multi-workstation cluster, the serial number of the Manager must also be supplied.</p>
1	<p>R2LIC-2103-1 - Quantra License for one 2D FFDM</p> <p>Adds one Quantra Breast Density Assessment port license to a Cenova server. Provides the right to use this port license for Breast Density Assessment of images from a single full-field digital mammography system. Quantra 2.0 breast density software provides a BI-RADS-like integer value which may be useful in the reporting of consistent breast composition values as mandated by certain state regulations. Additional reported values include: volume of fibroglandular tissue, volume of breast tissue, volume of breast density, area of breast density, and comparisons to a reference population. These values are provided per image, per breast and per patient. Temporal data can be displayed on a SecurView* workstation, if stored.</p> <p>Includes:</p> <ul style="list-style-type: none"> • One Quantra Software License for a Hologic, GE Senographe, or Siemens Novat on FFDM system <p>Requires:</p> <ul style="list-style-type: none"> • A Cenova server with v2.1 software • Specify manufacturer, and model of FFDM system at time of order <p>Display:</p> <ul style="list-style-type: none"> • As DICOM Structured Report on a SecurView workstation (minimum v7.2) • As DICOM Secondary Capture format on an IHE compliant workstation <p>*Note: This item is for use with 2D Images only. Quantra will not process C-View images</p> <p>This purchase includes WebEx product training. Onsite training will be provided if purchased with Selenia, Dimensions and or CAD products. Online training is also available, please register on http://www.hologic.com/en/registration/</p>
1	<p>R2SYS-2021 - 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"> • Hologic's latest R2 Cenova Processing Unit Server <ul style="list-style-type: none"> • Windows XP operating system • Dynamic resource management and case control • Output transmission re-try mechanism • Flexible output routing to multiple output destinations • Computer Server (6U) • Compact footprint • License dongle • ImageChecker CAD algorithm, the most trusted name in CAD: <ul style="list-style-type: none"> • Detection of Calcification Clusters and Densities (Mass) • Advanced geometric analysis (CC/MLO correlation and R/L asymmetry) • Nine operating point combinations for tailored CAD performance • R2 ImageChecker Digital CAD Port 1 Software License, supports: <ul style="list-style-type: none"> • Hologic, GE and Siemens FFDM systems • Citra* Core Software License: <ul style="list-style-type: none"> • RightOn CAD marks placed right on the region-of-interest to unambiguously flag the location • Malc CAD marks where the algorithm sees signs both of density and calcifications • PeerView Digital to show exactly the tissue that caused CAD to mark the region • EmphaSize to differentiate CAD marks that have more prominent features • LesionMetrics to display additional information about the finding • Hologic Connect remote system diagnostic software for post-installation service and applications support; conforms with Verisign security <p>Requires:</p> <ul style="list-style-type: none"> • An equal number of Cenova CAD and Quantra Port licenses (if both are present) • Specify manufacturer, and model of FFDM system at time of order

	<p>*Restrictions:</p> <ul style="list-style-type: none"> Advanced R2 CAD features such as the MLC 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 <p>"This item is for use with 213 Images only."</p>
1	<p>STLC-00004 - 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>Affirm System Features:</p> <ul style="list-style-type: none"> A fully integrated solution optimized for Selenia Dimensions that minimizes procedure steps and simplifies workflow; Intuitive user interface driven by the Selenia Dimensions acquisition workstation for enhanced ease of use; Advanced ergonomic and lightweight design for quick and easy transition from diagnostic to interventional procedures under the same imaging modality; 70 cm SID, the longest in the industry, for easier positioning of patients and installation of biopsy devices; A unique, 10° angled biopsy approach for an unobstructed view of the lesions while maintaining simple Cartesian targeting methods in all biopsy modes; Compatibility with a wide array of biopsy devices for greater convenience; A complete solution for screening, diagnostic and interventional procedure. <p>Included System Components:</p> <ul style="list-style-type: none"> Affirm breast biopsy guidance module; Affirm guidance control module with touch-screen display; One biopsy license for use with a single Selenia Dimensions system. <p>Included Compression Paddles</p> <ul style="list-style-type: none"> Standard biopsy compression paddle (biopsy window: 5.4 cm x 5.2 cm); Axillary biopsy compression paddle (biopsy window: 5.4 cm x 5.2 cm); Wide biopsy compression paddle (biopsy window: 7.4 cm x 6.2 cm). <p>Included Accessories</p> <ul style="list-style-type: none"> Quality assurance needle Needle guide holder Geometry calibration phantom User manual Service manual. <p>Requirements:</p> <ul style="list-style-type: none"> 2 MP grayscale, medical grade LCD display or higher Selenia Dimensions software version 1.5.2 or higher
1	<p>ASY-06484 - Affirm Tomosynthesis Biopsy Software License</p> <p>The Affirm Tomosynthesis Biopsy Option Software License provides the ability to easily and accurately target lesions with tomosynthesis imaging including lesions that may only be found under tomosynthesis.</p> <p>This license provides the ability to use Affirm Tomosynthesis Biopsy Option Software on one (1) Selenia Dimensions tomosynthesis system that <i>has</i> an Affirm upright biopsy license. Also included is a tomosynthesis biopsy QAS needle.</p> <p>Requirements:</p> <ul style="list-style-type: none"> Selenia Dimensions system with tomosynthesis option Selenia Dimensions software version 1.7 or higher Affirm upright breast biopsy guidance system 2 MP grayscale, medical grade LCD display or higher
1	<p>EVIVA_STX_KIT_AFFIRM - Eviva Stereotactic Adapter for use with Hologic Selenia Dimensions with Affirm</p>
1	<p>SecurView(DX) SV400 Workstation - 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</p> <p>High End, six core, Xeon Processor Windows Based System (2.0GHz or higher)</p> <p>16GB High Speed RAM</p> <p>(3) 2TB SAS drives in RAID 5 array</p> <p>10/100/1000 Base T Ethernet Network Interface</p> <p>Display Hardware</p> <p>Barco High Brightness Dual 5MP Display (Barco model MDMG-5221) with "blue</p>

	<p>base". Luminance - MU cd/m2. Adjustable viewing angle, 1-Lummate teature. Active screen size (diagonal) 541 mm each. Dimensions with stand: 408x582-642 x 250 mm each 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>ANC-PFIN-CARE-5950 - Carestream Dry View 5950 Digital Mammography Tabletop Laser Imager</p> <p>Carestream DRYVIEW 5950 Digital Mammography and General Radiography Tabletop Laser Imager</p> <p>Specifications:</p> <ul style="list-style-type: none"> • Up to 70 films per hour (14x17) and 110 films per hour (8x10) • Fully compatible with five film sizes: 14 X 17", 14 X 14", 11 X 14", 10 X 12", 8 X 10" • Supports FFDM with DRYVIEW DVM and DVM+ films in multiple sizes • High resolution (50 micron; 508 ppi) <p>Warranty - 12 months parts and labor by Carestream trained service personnel</p>
1	<p>ASY-02452 - Dimensions Needle Localization Kit (incl. crosshairs and open paddles for both contact and mag)</p> <p>Needle Localization Kit for Selenia Dimensions</p> <p>Includes:</p> <ul style="list-style-type: none"> Contact Localization Crosshairs (for both contact and magnification procedures) 10 cm Open Localization Paddle 10 cm Open Localization Paddle for Magnification (ASY-02385, ASY-02258, ASY-01993 & ASY-02163)
3	<p>ASY-04662 - Dimensions Paddle Rack</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 Y." Depth: 4" (from the wall out) Height: 7"</p> <p>Pitch of 12" to 14" when multiple racks are installed over each other.</p> <p>Price includes wall mounting bracket component. Does not include installation.</p>
1	<p>M.I.C. DME Text & Test - Additional Copy - Digital Mammography Text & Test for CEUs</p> <p>Medical Imaging Consultants (M.I.C.) textbook and post-test entitled: Digital Mammography Essentials.</p> <p>The D.M.E. course provides CEUs for technologists and training hours for radiologists in digital mammography.</p> <p>One user per text and course program.</p>
1	<p>PHANTOM-ACR-156 - Mammographic Accreditation Phantom — ACR Gammex 156</p>

