

SecurXchange® Archive Image Storage Solutions

Scalable image archiving solutions, designed to grow with your practice

SecurXchange® Archive provides an efficient approach to handling the unique archiving requirements of digital mammography for practices that do not have access to a PACS or need a local archiving solution. The SecurXchange Archive will store and retrieve physician annotations, as well as CAD markings. Together with Selenia® and Selenia Dimensions® digital mammography systems, Hologic provides a total solution for your imaging and archiving needs.

SecurXchange Archive is specifically designed to support breast imaging modalities, offering scalable image archiving capabilities that allow you to add storage space as your practice grows.

All SecurXchange Archive configurations include a 3DView™ mammography viewer single user license. 3DView is a web based viewer that supports non-diagnostic viewing of 2D and 3D mammography images from any configured computer.

An affordable solution for your archiving needs

SecurXchange Archive

Storage

- Various storage capacities available (i.e. 1.8 TB, 5.5 TB, 10.9 TB, 21.8 TB)

Routing capabilities

- Pre- and post-fetching included with advanced DICOM routing capabilities
- Unlimited AE titles

SecurXchange disaster recovery (optional)

- Replicates the data stored onto a secondary server
- Expansion units available with multiple storage capacities

Approximate storage capacity (number of studies)*

	Per TB	1.8 TB	5.5 TB	10.9 TB	21.8 TB
Selenia® digital mammography	55,000	99,000	302,500	599,500	1,119,000
DigitalNow™ HD, 50 µm	28,000	50,400	154,000	305,200	610,400
DigitalNow HD, 100 µm	115,000	207,000	632,500	1,253,500	2,507,000
Selenia Dimensions® compressed BTO (combination exam)	2,400	4,320	13,200	26,160	52,320

*Numbers were calculated based on DICOM For Presentation images only, 85% small field-of-view Selenia studies, 4 images per study and 4:1 lossless compression.

A consultation with a Hologic technical sales specialist to discuss the SecurXchange product capabilities is recommended.

Specifications

Due to the customizable nature of this product, specifications will vary slightly based on the final configuration. More details can be provided by your Hologic representative.

Capabilities:

- Image lossless compression, transmission and decompression
- Pre- and post-fetching
- Support of multiple MWL
- Prioritization of prior sources when retrieving from multiple sources

System hardware specifications:

- Intel® Xeon® E5-2620 2.00 GHz, 15 M cache, 7.2 GT/s QPI, turbo, 6 C, 95 W, max mem 1333 MHz
- At least 16 GB memory 2x 8 GB RDIMM, 1333 MT/s, low volt, dual rank, x4 data width
- Dual hot-plug redundant power supply
- Redundant fan
- Near-line SAS hard drives
- Integrated RAID with 1 TB usable storage capacity

Physical specifications:¹

- 2U rack mountable head unit
 - D x W x H with bezel attached
29.75" x 17.48" x 3.44"
75.58 x 44.40 x 8.73 cm
 - Rack weight: 64.37 lbs (29.2 Kg)²
 - Voltage
 - 100–240 V AC, autoranging, 50/60 Hz or 200–240 V AC, autoranging, 50/60 Hz for 750 W Titanium power supply
- NOTE: This system is also designed to be connected to IT power systems with a phase-to-phase voltage not exceeding 230 V.
- Wattage
 - AC power supply (per power supply) 495 W, 750 W or 1100 W

References: 1. Hardware specifications listed include the minimum specifications.
2. Maximum weight configuration.

Software specifications:

- LINUX OS

Hologic Connect™:

SecurXchange Archive is equipped with Hologic Connect™, providing a secure remote connection between the Hologic Technical Assistance Center and the customer.

Environmental specifications:

- Heat dissipation
 - 2968.6 BTU/hr maximum
- NOTE: Heat dissipation is calculated using the power supply wattage rating.
- High output and 1944.9 BTU/hr maximum energy smart
 - 1908 BTU/hr maximum (495 W power supply)
 - 2891 BTU/hr maximum (750 W power supply)
 - 2843 BTU/hr maximum (750 W Titanium power supply)
 - 4100 BTU/hr maximum (1100 W power supply)
 - Operating environment
 - 50°F to 95°F (10°C to 35°C)
 - 20% to 80% humidity (non-condensing)
 - Altitude: -50 to 10,000 ft. (-16 to 3,048 m)
 - Non-operating environment
 - 40°F to 149°F (-10°C to 60°C)
 - 5% to 95% humidity (non-condensing)
 - Altitude: -50 to 35,000 ft. (-16 to 10,600 m)

Accessories/Options:

- UPS (uninterrupted battery supply)

To learn more about SecurXchange Archive, please contact your Hologic account manager, or email womenshealth@hologic.com

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