SecurView DX Minimum System Requirements (Software-Only Option)

- SecurView® DX software is a memory and computationally-intensive application for use in demanding clinical environments. To ensure satisfactory performance, the computer hardware must meet certain minimum requirements. This document provides the minimum computer and display specifications for optimal SecurView application performance with high patient volume usage, for sites that purchase Hologic's SecurView DX Software-Only option for use on equipment provided by customers.
- The SecurView application software performance is optimal when installed on a computer that will be dedicated only for Hologic® software application(s) (listed below).

SecurView DX Standalone or Client Workstation

Hologic Software Applications	
Software Release	SecurView DX 12.0 (and later)
Optional Applications	• MultiView™ Multimodality (MM) Software • Hologic Application Synchronization • Genius AI® Detection PRO, widget

SecurView DX Workstation-Class Hardware Specifications	
Operating System	Windows 10 IoT Enterprise LTSC or Windows 10 Enterprise 64-bit or Windows 11 Enterprise 25H2 or higher
Processor	Intel® Xeon® E-2287GE CPU @ 3.31 GHz or better
Memory	64GB
Hard Drive	8 TB SSD, 400MB/s combined read/write performance or higher **NOTE:** A 2:1 Manager:Client HDD capacity ratio is recommended on average. Clients need more HDD capacity in relation to the Manager when DICOM image data is received uncompressed, or several prior studies (10) per patient are retrieved or sent to the Manager.
Network	Gigabit Ethernet
DVD+RW DL Drive	• Supports StarBurn SDK • Dual-layer read capability
USB ports	At least 6 (license dongle, display(s), keyboard, mouse, one for loading demo cases and performing backups) **NOTE:** Up to 10 USB ports may be necessary for additional accessories (e.g. SecurView keypad, UPS, barcode reader, dictation device)

High-Resolution Video Cards and Displays (SecurView requirements)	
Displays	• Dual 5-megapixel (or higher) resolution displays[1] that are FDA approved for mammography that support color (for ultrasound image display) • Display QC/calibration software and procedures must be supplied by the display manufacturer

[1] Displays should not require additional software to achieve the desired pixel resolution or grayscale depth.

Video Cards	• 10-bit video card with 8-16 GB dedicated video memory • Video cards that support DirectX 9.0c or higher[2] • Video cards that support DirectDraw • PCIe 3.0 Interface or better

[2] Refer to the video card manufacturer for details.

Video Cards and Displays (additional MultiView MM requirements)	
Displays	1 or 2 color monitors, recommended resolution: 1.6 – 3.0 MP
Video Cards	• 2 GB dedicated video memory • OpenGL 2.0 compliant[3] • NOTE: If the video card for the primary MG display monitor has additional port capacity, those ports can be utilized for additional displays if desired.

[3] Refer to the video card manufacturer for details.

SecurView DX Manager

SecurView DX Manager Server-Class Hardware Specifications (for Multiworkstation Clusters)	
Operating System	Windows Server 2016 or Windows Server 2019 Standard Edition 64-bit
Processor	Intel Xeon Gold 5120T, 2.2GHz with 14 cores/28 threads
Memory	64 GB
Hard Drive	700 MB/s combined read/write performance or higher 15-64 TB **NOTE:** Optimal HDD capacity is dependent on patient volume, quantity of prior studies received per patient, and whether DICOM image data is received compressed or uncompressed. Maintain the recommended Manager:Client HDD capacity ratio (see SecurView DX Workstation-Class Hardware Specifications table).
Network	Minimum Requirement: 1 Gigabit Ethernet or Teamed (Teamed can improve image distribution performance to multiple Client workstations) Recommended Requirement: 10 Gigabit Ethernet
Display	Color, resolution 1024 × 768
DVD+RW DL Drive	Supports StarBurn SDK Dual-layer read capability
USB ports	At least 5 (license dongle, UPS, keyboard, mouse, one for loading demo cases and performing backups)

SecurView DX Manager Server-Class Virtual Manager Specifications	
VM Requirements	• Supported Platform: VMWare ESXi 7.0.x or later • The hypervisor must ensure to use a **Resource Pool** with specific Resource Allocation settings for **Shares**, **Reservation**, and **Limit** tailored to the SecurView VM needs • Platform must support connecting a USB token to the virtualized manager so that the USB dongle for licensing is usable • Hologic Unifi® Connect required to allow remote access to the VM due to lack of physical access • Recommended (optional) – VSphere VMotion
Operating System	Windows Server 2016 or Windows Server 2019 Standard Edition 64-bit
Processor	Minimum Requirement: Processor with 13 virtual cores Recommended Requirement: Processor with 28 virtual cores
Memory	64 GB
Hard Drive	• 700 MB/s combined read/write performance or higher • 15-64 TB Important: • Storage must appear as a physical drive, not a network mounted drive (e.g., NFS). • Volume must be formatted initially to accommodate expansion to 64 TB without reformatting the volume. • Optimal HDD capacity is dependent on patient volume, quantity of prior studies received per patient, and whether DICOM image data is received compressed or uncompressed. Maintain the recommended Manager:Client HDD capacity ratio (see SecurView DX Workstation-Class Hardware Specifications table).
Network	Minimum Requirement: 1 Gigabit Ethernet or Teamed (Teamed can improve image distribution performance to multiple Client workstations) Recommended Requirement: 10 Gigabit Ethernet

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