VIQ Hardware Specifications

A list of approved hardware for CapturePro components

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Please Note: If you are thinking of using a device that is not listed below or you have a question on device compatibility, please contact **support@viqsolutions.com**

VIQ Computer Hardware Specifications

VIQ CapturePro Workstations (Minimum Recommended Specifications)

The Recording/Playback Computer is a Windows-based computer system with a 64-bit Windows 10 Professional operating system. The software can be imaged on a computer with the following specifications:

- Intel Core i7 (i9 can also preferred if video is to be recorded)
- SSD is recommended but a fast (7200 RPM) HDD is also acceptable
  - Recommended 500GB-1TB storage depending on usage
- 8GB RAM for audio only or 16GB RAM for audio and video (2 channels) recording
  - Additional 4GB RAM per additional video channel
- Onboard/PCIe/USB sound card
- 1Gb LAN connectivity
- USB 2.0/3.0 port
- CD-R/DVD-R burner (if required)
- Microsoft SQL Server 2016/2019 Express with Tools (SP1)
  - SQL 2019 Express, Included with software download package

CapturePro Central / Mid-Tier server (Minimum Recommended Specifications**)**

The Mid-Tier or Central Server must be a fully updated 64-bit OS with the following specifications:

- Windows Server 2016/2019 (Virtual Server Supported)
- SQL Server 2016/2019 Standard (all Service Packs installed)
  - SQL license NOT included with the software
  - SQL Express can also be used (If servicing a maximum of 15 Courtrooms)
- Local, NAS or SAN storage (if required)
- 1 TB of physical HDD space (if required)
- 32GB minimum RAM
  - Additional 4 GB if recording multiple video channels and depending on the number of clients accessing the recorded video & data
- 1 GB network card (connected to a GB switch)
- Minimum: Pentium Dual-Core Xeon processor (more processing power will be required for video depending on the number of clients)

VIQ AUDIO/DSP Hardware Specifications

Audio Capture Devices

- PreSonus
  - (EOL) AudioBox 96, 1818VSL mixers
  - (EOL)Studio 2|4, 2|6, 6|8, 18|10, 18|24 mixers
  - Studio 2|6c, 6|8c, 18|24c mixers
  - StudioLive 16R, 24R, 32R, AR16C
- Digigram
  - PCX440e/442e Internal Sound Card (4 channels)
  - PCX882e Internal Sound Card (8 channels)
  - Digigram LX-Dante (VIQ CapturePRO versions 8.x.x.x only)

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Note: Digital DSP is only support in VIQ Software version 7.x.x.x and higher/later

- BIAMP - USB connection only
  - Tesira (8 channels)
  - Tesira EX-UBT (usb expander)
- QSYS - USB connection only
  - Core 110f (8 channels)
- Motu 8Pre
- Dante
  - Virtual Sound Card(VIQ CapturePRO versions 8.x.x.x only)

Video Capture Devices and IP Cameras

- Osprey Capture Cards
- AVerMedia Capture Cards
  - (EOL) C027 - 1 HDMI
  - CL311-M2 - 1 HDMI
  - CL312H1 - 2 HDMI
  - CL314H1 - 4 HDMI
- AVerMedia ExtremeCap USB Capture Device
  - BU111 - 1 SDI
  - BU110 - 1 HDMI
- USB Cameras
- IP Camera (Must support: H.264, RTSP, AAC Audio Codec)
- Any Axis IP camera
- Samsung XND-6080V
- Samsung/Wisenet Q Series

Video Encoder/Decoder

- Axis P7214
  - Available inputs: SDI only
- Epiphan Pearl 2
  - Available inputs: HD, SDI, HDMI, RTSP

Foot Pedal Controllers

- Infinity In USB 1
- Infinity in USB 2

Audio Video Storage Calculation

Please note: Information listed below are for approximation purposes only

Audio Storage Space Calculations

- Format: 32*441000 @ 4kb/sec
  - 1 Hour = 14MB (per audio channel)
- Format: 48*48000 @ 6kb/sec
  - 1 Hour = 22MB (per audio channel)

Video Storage Space Calculations

- Video Format (H.264): 32*1024 @ 768kb /sec (lower bit rates will reduce storage requirements)
  - HD Video @1080p/ 1 Hour = 2.7GB / Per video Channel

HD Video @ 720p/ 1 Hour = 1.3GB /per video Channel