

Specifications

Hardware encoder

- H.264 AVCHD video encoder
- AC-3 recording from AC-3 source
- Recording datarate: from 1 to 20 Mbits/sec (user selectable in the ArcSoft ShowBiz application)
- Recording format:
 - up to 1080i from component video (YCrCb or YPrPb)
 - NTSC: 720p60, 1080i60, 480i60, 480p60
 - PAL: 720p50, 1080i50, 576p50, 576i50, 480p50, 480i50Note: the video input format determines the recorded format. For example, 1080i input records at 1080i, 720P records at 720P, etc. Any other format conversions needs to be done with the MediaConvert program (supplied).
- NTSC or PAL supported

System Requirements

Note: when playing back video recordings made with the Colossus, a fast CPU and at least 256MB of graphics memory are needed.

- Processor Requirements (minimum for HD playback): Dual core CPU 2.0GHz or faster
- Windows 8,7 (32 and 64-bit), Windows Vista or Windows XP service pack 3 (32-bit).
- Graphics with 256MB memory (or greater)
- PCI Express x1 slot
- Sound card for audio playback
- CD-ROM drive for installing the Colossus software

Bundled software applications

- **ArcSoft "ShowBiz"** for video recording and authoring and burning of your TV recordings onto a Blu-ray DVD compatible disc
- **Hauppauge WinTV v7 application**, with support for the Hauppauge remote control and IR blaster

Input and outputs

Note: video input on Component and HDMI sources is limited to 1080i

- A/V cable input adapter with:
 - Component video input
 - Left/ Right RCA audio input
- A/V cable output adapter with loop through audio and video:
 - Component video output

- Left/ Right RCA audio output
- Optical audio input and loop through output
- HDMI input (Note: for use with un-encrypted HDMI video sources)
- IR Blaster output