

SoniClear Hardware Requirements

The following are requirements for installing and operating the SoniClear digital recording software.

Computer

- Laptop or desktop computer
- Windows 7 or Windows 10
- 1.5GHz or faster processor for one or two channel audio recording
- Intel i3 or faster processor required for multichannel audio recording
- Intel i5 or faster processor required for video recording
- 158 MB/Hr/Channel disk space for WAV format recordings
- 22 MB/Hr/Channel for MP3 format recordings and archives
- 1GB/Hr or more (depending on settings) for video recordings
- Customer supplied IT support and maintenance of computer

Microphone

- For one or two channel recording, audio source, such as one of the following:
 - o Windows computer compatible microphone
 - o Voice Tracker Microphone Kit from SoniClear
 - o SC10 Microphone Kit from SoniClear
 - o Sound System Interface Kit
 - o Roland Rubix22 two-channel USB mixer interface
- For multichannel recording (4-12 individual channels):
 - o RME Digiface USB interface with digital microphone preamp, such as:
 - Presonus Digimax D8 ADAT
 - Behringer ADA8200
 - o Dante audio source with Audinate Virtual Sound Card software

Camera

- Certified Axis IP video cameras (contact SoniClear for current list)

Foot Pedal

- Supported USB Foot Pedal:
 - o SoniClear USB Foot Pedal
 - o Infinity USB Foot Pedal

Additional Notes

- The general requirements for SoniClear are not stringent. For simple mono or stereo recordings, any Windows 7 or 10 computer will run SoniClear without a problem. A computer with an i3 processor is a good general purpose choice for a balance of power and cost, rather than the least powerful or most powerful models. For multichannel audio recording and/or video recording, an i5 processor is a good choice. This gives a margin of additional processing power to avoid possible momentary loss of data on rare occasions.
- More expensive “business grade” computer models are recommended. Although price is not a clear indicator, in general higher priced models with otherwise similar features will be a better choice. These models usually have better components and design, resulting in greater reliability and longevity.
- Computer models that have been available for at least six months tend to be more reliable than newly released models. This gives the manufacturer time to fix problems that were not found in development. Older models can also be purchased at a discount when newer models are released, saving money.
- Make sure full manufacturer warranty is provided from time of purchase. Most computers cannot be fixed at a reasonable cost when they fail. An extended warranty, such as a 3-year full replacement plan, will ensure that if a computer fails it will be fixed or replaced at no cost.
- Select a system that is comfortable. For example, choose a screen size and panel type that is easy to read. The keyboard should also be comfortable to type on and low in keyboard noise.
- The keyboard should have the ability to lock the top row of keys into function key mode. Some laptops have a keyboard that requires pressing a shift key to act as a function key. Because function keys are a convenient way to add notes in SoniClear, it is important to make sure that the function keys can be pressed without having to also press a shift key each time.
- Select a computer with a low level of noise from the cooling fan, or that is fanless. This helps avoid noise from being picked up in the recording, and prevents any annoyance from the computer fan in the room. In the past it was a common problem for computers to have a loud fan. Fan noise is less common now, but can still be a problem with some models. Generally the more powerful the computer, the higher the likelihood a noisy fan is required to keep the system cool.
- Using Eset NOD32 antivirus software is recommended. It has been used with SoniClear for decades. Other antivirus products (including the built-in Windows Defender antivirus) can be used successfully with SoniClear, however, some

antivirus products may require special settings to prevent interference from things like background updates and system scans.