

Using a Hard Drive with the MediCap™ USB200 or USB170

You can plug an external hard drive into one of the USB connectors on the **back** of the USB200 or USB170.¹ A hard drive can provide increased storage capacity compared with a flash drive. For example, a 250GB hard drive can store about 100 hours of DVD-quality video.

Before purchasing an external hard drive, please note the following:

- The drive must use the “FAT32” format. (see below)
- Delete any software that came pre-loaded on the drive. (see below)

NOTE: Use one of the back panel USB connectors for the hard drive. The back connectors have sufficient voltage for drives powered via the USB cable. Note that only one copy of an image or video is recorded. In other words, if a hard drive is plugged into the back and then you plug a flash drive into the front, videos and images will only be recorded to the hard drive. If want to record to the flash drive in the front, unplug the hard drive from the back and turn the unit off and back on.

Compatible Drive Format

Hard drives come in two basic formats: FAT32 and NTFS. (The format determines how data is arranged on the drive.) The USB200 and USB170 work with FAT32 drives. *The easiest way to check the compatibility of a drive is to simply plug it into the **back** of the unit and see if it works for recording images and video.* If it does not work, it is possible that the drive is formatted in NTFS instead of FAT32.

Starting with a Clean Hard Drive

Some hard drives come pre-loaded with software that is incompatible with the USB200 and USB170, so it is recommended that you delete all pre-loaded software and files from a drive before using it with the device. Ensure that you can see “hidden files” so you can delete them as well. For example, on a Windows XP PC, open a folder and select Tools > Folder Options > View tab > Show Hidden Files and Folders, then delete all the pre-loaded files on the drive.

File Sizes (applies to USB200 only)

Instead of recording one long video during an imaging session, it is recommended that you record several shorter videos. This will make it easier to manage the video files on your computer. Note that the maximum file size for a video recorded with the USB200 is 4GB which is about 1 hour and 45 minutes of DVD-quality video. When the maximum file size is reached during a recording, the USB200 automatically stops recording. Then you can start another recording.

Viewing Videos and Images

While using the USB200 or USB170, you can use the Back and Next buttons on the front panel to view the videos and images recorded during the current imaging session (pressing the New Patient button starts a new session). To view videos and images from earlier sessions, you can plug the hard drive into a computer and display the videos and images there.

Backing Up Videos and Images

In order to protect your recorded videos and images, it is important to frequently back them up by transferring them from the external hard drive to your computer or network.

¹ The MediCap USB170 records still images. The MediCap USB200 records still images and video clips.