

## 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 USB200 or USB170. A hard drive can provide increased storage capacity compared with a flash drive.

**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:** Only one copy of an image or video is recorded. In other words, if a hard drive is plugged into the back panel and then you plug a flash drive into the front panel, 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.) **If your hard drive is formatted in FAT32, then it is compatible with the USB200 and USB170. If your drive is formatted in NTFS, then you will need to reformat it in FAT32 before you can use it with the USB200 or USB170. For reformatting instructions, see the next section.**

To check which format your drive uses, you can plug it into a Windows computer, then RIGHT-click on the drive icon and select “Properties.” The format type (FAT32 or NTFS) will be displayed in the “File System” field.

### How to Format a Hard Drive in FAT32

To format a drive in FAT32 so it will be compatible with your USB200 or USB170, you will need to download a disk formatting utility. The manufacturer of your hard drive may offer a disk formatting utility on its web site. Alternatively, you can locate third-party utilities by searching with the words “disk formatting utility.” One of the most widely used Windows disk formatting utilities is “SwissKnife” by CompuApps Inc. which is available at [www.compuapps.com](http://www.compuapps.com).

When using the disk formatting utility, be sure to:

- Specify FAT32 as the format.
- **Select the correct drive because all data on the drive is erased.**

### Starting with a Clean Hard Drive

Some hard drives come pre-loaded with software that is incompatible with the USB200 or USB170, so it is recommended that you delete all pre-loaded software and files from a drive before using it with the device. (Note: If you just formatted the drive as described in the previous section, then this is not necessary since formatting erases all data on the drive.) Ensure that you can see “hidden files” so you can delete them as well. For example, in Windows 7 click the Start button, open Control Panel, go to Folder Options, click the View tab, check “Hidden Files and Folders: Show All Files and Folders” and uncheck “Hide Protected Operating System Files,” then click OK.

### File Sizes

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.

When the size of a recording reaches 2GB, the USB200 automatically saves the file and continues recording in a new file. When recording at the “High Quality” level, a 2GB file is

approximately 45 minutes long (for example, if you record continuously for 90 minutes, the recording will automatically be divided into two files that are each approximately 45 minutes long).

### **Viewing Recordings**

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

### **Backing Up Your Recordings**

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