

How to Connect the MediCap™ USB300 to a Network

You can connect the MediCap USB300 to a network via a standard Ethernet cable. Configuring the connection requires knowledge of computer networks. It is recommended that you contact a computer professional to set up your network.

When you connect the USB300 to your network, you can access the unit's internal hard drive drive from computers on the network. The USB300's drive will be displayed on your computer just like any other drive. You can then "drag and drop" recorded videos and images from the USB300's drive onto your computer's drive.

Networking Notes

- **The internal hard drive is not intended for use as a permanent video archive. It should be used only as temporary storage. You should transfer the videos to your permanent video archives via a network connection as soon as possible. This will ensure that the videos are backed up and protected against loss of patient data.**
- Once you have mapped the USB300's drive to your computer, you can view the images and videos on the drive from your computer. However, note that on slow networks you may experience delays, or videos may start and stop during playback. For this reason, it is recommended that you "drag and drop" your videos across the network so they reside on your local hard drive and then view them from there.
- Video and images cannot be recorded "across the network" onto a remote drive. They can only be recorded onto the unit's internal hard drive or onto an external USB drive that is plugged into the front or back panel.
- When accessing the USB300 via a network, you can only access the internal hard drive. You cannot access an external USB drive that is plugged into the front or back panel.

Getting Started

To configure your network, you will need to:

1. Use an Ethernet cable to connect the USB300 to your network (the LAN connection is on the back panel).
2. Plug a USB keyboard into one of the USB connectors on the back panel (the keyboard is used to enter configuration information).
3. Configure the network connection on the USB300 (see the next section).
4. Configure the network connection on the computers that you want to connect with the USB300 (see the relevant sections later in this document).

Configuring the Network Connection on the USB300

1. Press the Menu button on the front panel, then use the arrow buttons to go to "Advanced" and press the Select button. This will display the Advanced Menu.
2. Select "Network Setup."
3. In the Network Setup screen, select "Yes" for "Connect to network?"
4. Select "Network Configuration."
5. In the Network Configuration screen:
 - Enter a Machine Name (the default is *USB300*).
 - Enter a password if you want to password protect the USB300, otherwise leave this blank. *Mac users, please see the note at the end of this document.*
 - Select "Auto" for IP Address. **Note:** The "Auto" setting is the best and easiest configuration for most installations. However, if at the end of these procedures you are unable to connect to the USB300, return to this screen and select the "Manual" setting; then enter an IP address, etc. (consult with a network expert when making these entries).
6. When you finish with the Network Configuration screen, select "Save" to exit the screen.

Configuring the Network Connection on a Windows XP Computer

1. In the Windows Start menu, select Search to display the Search window.
2. Click the “Computers” link which is towards the bottom on the left. The Search for Computers window will be displayed.
3. In the Computer Name field, enter *USB300* (this example assumes you used the default Machine Name of “USB300” in step 5 above; otherwise enter the alternate name you selected). Click the Search Now button. The USB300 icon should now be displayed in the right panel.
4. Click the USB300 icon. If you password protected the USB300 (step 5 above), the Connect window will now be displayed, otherwise skip to the next step. In the User Name field, enter *USB300* (assuming you used the default Machine Name in step 5 above; otherwise enter the alternate name you selected). Also enter the password you previously selected.
5. The USB300 icon in the right panel will change to a hard disk drive icon (HDD), indicating that the drive is now connected.
6. RIGHT click on the drive icon and select “Map Network Drive.” The Map Network Drive window will be displayed.
7. Select a letter for the drive from the pull down list. Make sure that the “Reconnect at Login” option is selected. Click Finish. Close the Search window.
8. Now when you access “My Computer” from the Windows Start menu, the USB300’s internal hard drive will be displayed just like the other drives on your computer. You can click on the drive to view the recorded images and videos it contains. You can then “drag and drop” these files across the network onto your computer’s hard drive or any other drive on the network that you are also connected to (with the necessary access permissions).

Configuring the Network Connection on a Windows Vista Computer

NOTE: Windows Vista Business and Vista Ultimate are supported for networking with the USB300. *Windows Vista Home Premium and Home Basic are not supported.* The Home editions of Vista are not suited for configuring networks with a mix of operating systems. Specifically, they do not include the Local Security Policy tool that is required when connecting a Vista computer to a USB300.

1. In the Windows Start menu, select “Control Panel,” then “System and Maintenance,” then “Administrative Tools, then “Local Security Policy.”
2. In the directory tree on the left side of the Local Security Policy window, select “Local Policies” and under that select “Security Options.” In the Policy list on the right, double-click “Network Security: LAN Manager authentication level.”
3. In the drop down list, select “Send LM & NTLM - use NTLMv2 session security if negotiated.” Click OK and exit from Administrative Tools.
4. In the Windows Start menu, locate the Start Search field and enter `\\USB300` (**the two backslashes are required**). Press Enter to start the search. Note that this example assumes you used the default Machine Name of “USB300” when you configured networking on the USB300 (page 1), otherwise enter the alternate name you selected.
5. If you password protected the USB300 (page 1), the Connect window will now be displayed, otherwise skip to the next step. In the User Name field, enter *USB300* (assuming you used the default Machine Name; otherwise enter the alternate name you selected). Also enter the password you previously selected.
6. A hard disk drive icon (HDD) will be displayed, indicating that the drive is now connected.
7. RIGHT click on the drive icon and select “Map Network Drive.” The Map Network Drive window will be displayed.
8. Select a letter for the drive from the pull down list. Make sure that the “Reconnect at Login” option is selected. Click Finish. Close the Search window.

9. Now when you access “Computer” from the Windows Start menu, the USB300’s internal hard drive will be displayed just like the other drives on your computer. You can click on the drive to view the recorded images and videos it contains. You can then “drag and drop” these files across the network onto your computer’s hard drive or any other drive on the network that you are also connected to (with the necessary access permissions).

Configuring the Network Connection on a Windows 7 Computer

NOTE: Windows 7 Ultimate, Enterprise and Professional editions are supported for networking with the USB300. *Windows 7 Home Premium, Basic, and Starter editions are not supported because they are not suited for configuring networks with a mix of operating systems.*

1. In the Windows Start menu, locate the Start Search field and enter `\\USB300` (**the two backslashes are required**). Press Enter to start the search. Note that this example assumes you used the default Machine Name of “USB300” when you configured networking on the USB300 (page 1), otherwise enter the alternate name you selected.
2. If you password protected the USB300 (page 1), the Connect window will now be displayed, otherwise skip to the next step. In the User Name field, enter `USB300` (assuming you used the default Machine Name; otherwise enter the alternate name you selected). Also enter the password you previously selected.
3. A hard disk drive icon (HDD) will be displayed, indicating that the drive is now connected.
4. RIGHT click on the drive icon and select “Map Network Drive.” The Map Network Drive window will be displayed.
5. Select a letter for the drive from the pull down list. Make sure that the “Reconnect at Login” option is selected. Click Finish. Close the Search window.
6. Now when you access “Computer” from the Windows Start menu, the USB300’s internal hard drive will be displayed just like the other drives on your computer. You can click on the drive to view the recorded images and videos it contains. You can then “drag and drop” these files across the network onto your computer’s hard drive or any other drive on the network that you are also connected to (with the necessary access permissions).

Mac Users

Mac users please note that computers running the Mac operating system can only access the USB300 if it is not password protected (Password field left blank in step 5 of the section titled “Configuring the Network Connection on the USB300”). This is due to limitations in the way password protection is implemented on Windows computers.